FISHERY STATISTICS
OF THE
UNITED STATES
1971

STATISTICAL DIGEST NO.65

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service

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Prepared by
STATISTICS AND MARKET NEWS DIVISION
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UNITED STATES
DEPARTMENT OF COMMERCE
Frederick B. Dent, Secretary

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PREFACE

This report contains a review of the fishery statistics for the year 1971. These statistics include data on the volume and value of landings of fishery products, employment in the fisheries, quantity of gear operated, number of fishing craft employed in the capture of fishery products, information on the volume and value of the production of processed fishery products, data on freezings and cold storage holdings, and on foreign trade in fishery commodities.

Data on employment of fishermen, fishing craft and gear in the fisheries, and on the landings of fish, shellfish, and other aquatic plants and animals, are shown for States having commercial fisheries. There is also information on the pack of canned tuna and industrial products for Puerto Rico and American Samoa included in the processed products tables. Data on the fisheries of Puerto Rico are shown in Section 11.

The Section entitled "Review of Certain Major Fisheries" is not included in this edition. The 1972 edition of the Statistical Digest will include the "Review of Certain Major Fisheries" for both 1971 and 1972.

In all of the U.S. landings tables in this report, except the one entitled, "U.S. Landings, 1971-Live Weight Basis," the volume of fish, crustaceans, and such mollusks as squid is shown in round (live) weight. However, the weights shown for univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.) represent the weights of meats, excluding the shell. The weight of shells omitted from the catch in 1971 amounted to about 1.2 billion pounds. It should be noted, however, that the data in the table "World Landings of Fish, Crustaceans, Mollusks, etc., by Countries" are shown on a live weight basis.

All appropriate records collected by the various State fishery agencies were used in assembling data on the fisheries. In certain areas, information complete enough to be used by the statistical agents was available from State agencies, and in these States, only partial surveys were conducted. Information on the means of collecting the data and an explanation of terms used may be found in Section 12 of this publication.

Complete statistical surveys covering the fisheries of the United States were conducted by the National Marine Fisheries Service in all areas for 1971. The first complete survey of the fisheries of the United States was made by the Bureau of the Census for 1908. Others were made by the Bureau of Fisheries and the Fish and Wildlife Service for the years 1931, 1950, 1954-60, and 1962-69.

FISHERY STATISTICS OF THE UNITED STATES, 1971
STATISTICS AND MARKET NEWS DIVISION

CONTENTS

Page

SECTION 1. - GENERAL REVIEW 1
- U.S. summaries 8
- U.S. landings off foreign coasts 28
- U.S. landings for human food and industrial use 29
- Relative volume of the landings, by species 34
- Relative value of the landings, by species 35
- Seed oyster fishery 36
- U.S. landings, live weight basis 37
- World landings of fish, crustaceans, mollusks, etc., by countries 38
- Processed fishery products 39
- Canned fishery products 52
- Industrial fishery products 64
- Packaged fishery products 69
- Fish sticks and portions 72
- Frozen fishery trade 73
- Foreign fishery trade 82

SECTION 2. - NEW ENGLAND FISHERIES 89
- Sectional summaries 93
- Maine 103
- New Hampshire 105
- Massachusetts 107
- Rhode Island 113
- Connecticut 116

SECTION 3. - MIDDLE ATLANTIC FISHERIES 119
- Sectional summaries 123
- New York 131
- New Jersey 135
- Delaware 139
- Supplementary survey - Hudson River shad fishery 141

SECTION 4. - CHESAPEAKE FISHERIES 142
- Sectional summaries 146
- Maryland 152
- Virginia 155
- Landings by waters 160
- Supplementary survey - Potomac River shad and alewife fishery 163

SECTION 5. - SOUTH ATLANTIC FISHERIES 164
- Sectional summaries 168
- North Carolina 177
- South Carolina 182
- Georgia 185
- Florida, east coast 186
- Supplementary surveys:
  - Florida, operating units by districts 191
  - Florida, landings by districts 192
  - South Atlantic shrimp fishery 194

SECTION 6. - GULF FISHERIES 196
- Sectional summaries 199
- Florida, west coast 208
- Alabama 214
- Mississippi 215
- Louisiana 218
- Texas 221
- Supplementary survey - Gulf shrimp fishery 223

CONTENTS - Continued

Page

SECTION 7. - PACIFIC COAST FISHERIES 230
Sectional summaries. 236
Alaska 248
Washington 255
Oregon 263
California 268
Supplementary surveys:
Landings of halibut fleet at Seattle, Washington 283
Pacific coast halibut fishery. 284
Whaling. 285
Fur seal industry of the Pribilof Islands. 286

SECTION 8. - GREAT LAKES FISHERIES 288
United States and Canadian landings. 290
Sectional summaries. 293
Operating units and fishing effort, by gear. 306
Landings of catch by lake, State, and gear 313

SECTION 9. - MISSISSIPPI RIVER FISHERIES 322
Sectional summaries. 323
Operating units and landings by States and waters. 334
Supplementary survey - Great Lakes and Mississippi River landings by State and species. 361

SECTION 10. - HAWAII FISHERIES 363
Sectional summaries. 365
Operating units by island and gear 368
Landings by islands. 371
Landings of catch by gear. 374

SECTION 11. - PUERTO RICO FISHERIES 379
Summary of operating units 379
Landings by regions. 380
Landings of catch by gear. 382
Landings 1953-71 383

SECTION 12. - STATISTICAL SURVEY PROCEDURE 385
Local and special surveys. 390
Practices and terms. 392
Conversion factors 393

SECTION 13. - GLOSSARY 397

SECTION 14. - PICTORIAL SECTION 404

SECTION 15. - STATISTICAL PUBLICATIONS 422

ACKNOWLEDGMENTS

The data in this edition of "Fishery Statistics of the United States" were collected in cooperation with the various States and tabulated by the staff of the Statistics and Market News Division under the direction of Hoyt A. Wheeland and B.G. Thompson. The material was prepared for publication by Thelma I. Bell, Mary Louise Kuschwa, and Susan Flint. Field surveys were supervised by the various regional and area offices. Program leaders in charge of field surveys were: Francis Riley, New England, Middle Atlantic, Chesapeake, Great Lakes, and northern Mississippi River States; George Snow and Paul J. Hooker, South Atlantic, Gulf, and southern Mississippi River States; James R. Bybee, California; Victor J. Samson, Washington and Oregon; Henry Jimmie, Alaska; and Robert T.B. Iverson, Hawaii.

The cooperation of the many contributors is gratefully acknowledged. Contributors are given credit for their information in the section of the report in which the data appear.

SECTION 1 - GENERAL REVIEW

The commercial fisheries had a harvest of 5.0 billion pounds worth a record $650.9 million--an increase of 100.8 million pounds (2 percent) and $37.8 million (6 percent) compared with 1970. Landings were the best since 1962, the record year. There were record landings of Gulf menhaden, shrimp, catfish and bullheads, and common whitefish. Compared with 1970, landings of bonito, jack mackerel, skipjack tuna, and king crabs increased significantly. Landings declined, however, for several major species--alewives, anchovies, salmon, yellowfin tuna, whiting, dungeness crabs, and clams.

Fishermen took 918.1 million pounds of shellfish worth $343.1 million, an average of slightly more than 37 cents per pound--about 5 cents more than in 1970. Shellfish accounted for 53 percent of the value, but only 18 percent of the volume of U.S. landings. The value of shellfish exceeded the value of finfish in the New England, Middle Atlantic, Chesapeake, South Atlantic, and Gulf States.

Disposition of landings. In 1971, for the first time in 9 years, landings for industrial products (2.6 billion pounds) exceeded the quantity taken for human food (2.4 billion pounds). Industrial products include items processed into meal, oil, and solubles; used for bait, fed to fur bearing animals and pets; and manufactured into such items as shell buttons, pearl essence, and novelties. NMFS statisticians estimate that the 1971 landings were used as follows: 2,441 million pounds (round weight) for human food--of which 1,481 million were used fresh and frozen, 884 million were canned, and 76 million were cured; and 2,577 million pounds for industrial purposes--of which 99 million were used fresh or frozen, 135 million were canned, and 2,343 million were reduced into meal, oil, and solubles.

Per capita consumption. The per capita consumption of commercially caught fish and shellfish in the United States was 11.4 pounds (edible weight)--compared with 11.8 in 1970.

Per capita consumption of commercially caught fish and shellfish, 1962-71

(Edible weight)

Year	Pounds	Year	Pounds
1962	10.6	1967	10.6
1963	10.7	1968	11.0
1964	10.5	1969	11.2
1965	10.8	1970	11.8
1966	10.9	1971	11.4

Note:--Data for 1965 have been revised.

Principal States. Louisiana again led the Nation in volume of landings with 1.4 billion pounds--28 percent of the U.S. landings. California was next with 583.4 million pounds, followed by Virginia with 491.8 million; Alaska, 471.2 million; Mississippi, 396.9 million; and Massachusetts, 276.6 million pounds.

California led all States in exvessel value of landings with $86.4 million--13 percent of the value of the Nation's landings. Alaska was next with $83.8 million, followed by Louisiana with $71.9 million; Texas, $69.8 million; Massachusetts, $48.3 million; and Florida, $46.0 million.

Principal ports. Cameron, La., led all ports in volume of landings with 427.6 million pounds. San Pedro, Calif., was next with 373.3 million pounds, followed by Pascagoula-Moss Point, Miss., 337.8 million; Dulac-Chauvin, La., 269.0 million; Morgan City, La., 202.7 million; Empire, La., 186.1 million; and Kodiak, Alaska, 153.2 million pounds.

GENERAL REVIEW

Processed products. The production of processed fishery products (canned, packaged fresh and frozen, cured, and industrial) in the United States, American Samoa, and Puerto Rico was worth a record $1.9 billion--7 percent greater than in 1970, the former record year. Packaged fresh and frozen products were 48 percent of the total value; canned, 42 percent; industrial, 6 percent; and cured, 4 percent. The Pacific Coast States led with products valued at $573.2 million, followed by the Gulf States with $361.8 million; New England, $251.6 million; and Middle Atlantic, $160.7 million. In 1971, the 3,704 wholesaling and processing plants had 66,024 employees.

Alewives. The production of 58.9 million pounds of alewives was 10.6 million less than in 1970. Landings declined sharply in Virginia and in Lake Michigan, the principal producing areas. Compared with 1970, Virginia landings of 10.3 million pounds were down 46 percent and Lake Michigan landings of 29.7 million were down 11 percent. Landings in New England (2.3 million pounds) declined slightly also, but landings in the South Atlantic States (13.4 million) showed moderate improvement.

Anchovies. Landings in California were 89.7 million pounds--a decline of 102.8 million (53 percent) compared with the record harvest of 1970. Two factors contributed to the sharp decline in production: (1) the amount of time lost from fishing because of price disputes and (2) the catch quotas established because of possibly polluted water in Los Angeles Harbor. The 1971-72 season was the seventh consecutive year for the anchovy reduction fishery.

Clams. Landings yielded 84.5 million pounds of meats worth a record $31.3 million--a decline of 14.7 million pounds, but an increase of $2.5 million compared with 1970. Landings of 52.5 million pounds of surf clams declined 22 percent compared with 1970 and were the principal reason for the smaller production. Surf clams, landed chiefly in New Jersey, were 62 percent of the total volume; hard clams were 20 percent; and soft clams, 15 percent. The rest consisted of geoducks, ocean quahog, rangia, and razor clams.

Crabs. Landings of crabs, all species, were 280.1 million pounds worth $46.2 million--a gain of 2.9 million pounds and $7.0 million compared with 1970. Landings of king crabs (70.7 million pounds) increased 36 percent, and hard blue crabs (149.1 million) increased 3 percent. The 73.9-million-pound harvest of hard blue crabs in the Chesapeake States was 6.5 million more than in 1970 and the best since 1967. However, landings in the South Atlantic States (39.6 million pounds) and in the Gulf States (33.5 million) declined moderately. Landings of dungeness crabs were 41.6 million pounds--29 percent less than the record 1970 production. Landings declined in all States. Snow crab landings of 12.9 million pounds were slightly smaller than the record harvest of 1970.

Flounders. Landings were 155.9 million pounds worth $22.6 million--a decline of 12.6 million pounds and nearly $500,000 compared with 1970. On the Pacific coast, landings of 43.4 million pounds were 6 percent less than in 1970. On the Atlantic and Gulf coasts, the flounder harvest was 112.6 million pounds--down 8 percent from 1970. Most of the decrease was in New England, the principal producing area, where landings of 90.6 million pounds declined 13.3 million. A sharp decrease in yellowtail flounder landings--from 67.3 million pounds in 1970 to 54.4 million in 1971--accounted largely for the decline. The harvest of yellowtail flounders in New England was the second smallest in the last decade. Several factors contributed to the smaller landings. One was the declining fish population. Another was related to actions taken by domestic fishermen. The latter included a fleet tieup and work stoppage for a short time in New Bedford, Mass., and also a mutual agreement among New Bedford fishermen to limit catches to only 5,000 pounds per man. A third factor was the increased activity of foreign fleets on yellowtail grounds. This exploitation was presumably nearing an end in 1971 when an agreement of the International Commission for the Northwest Atlantic Fisheries (ICNAF) on yellowtail flounders became effective, and quotas were set on catches.

GENERAL REVIEW

Groundfish. The Atlantic fishery for groundfish (cod, cusk, haddock, white hake, pollock, and ocean perch) landed 154.3 million pounds worth $16.5 million--4.6 million pounds and $955,000 more than in 1970. Landings of all species except haddock increased. The haddock production of 21.6 million pounds declined 5.3 million compared with 1970, and was the smallest on record. In a 1971 survey, scientists at NMFS Northeast Fisheries Center, Woods Hole, Mass., predicted that low recruitment to the marketable haddock population would continue until at least 1974. For the second consecutive year, catch quotas and other ICNAF regulations were in effect, limiting the total catch made by all nations in the haddock fishing areas. Compared with 1970, landings of cod (54.2 million pounds) increased 2 percent; cusk (1.8 million), 34 percent; white hake (5.8 million), 42 percent; pollock (10.9 million), 24 percent; and ocean perch (60.0 million pounds), 8 percent.

Imports of groundfish fillets (including blocks) were a record 482.6 million pounds--23.9 million (5 percent) more than in 1970, the former record year. The available supply (U.S. production plus imports) of groundfish fillets and blocks was a record 526.4 million pounds--a gain of 24.8 million compared with 1970. U.S. production of 43.8 million pounds was only about 8 percent of the total consumption. In 1950, U.S. production was 67 percent of the total.

Halibut, Pacific. Landings by the combined United States and Canadian halibut fleets were 46.7 million pounds (dressed weight)--15 percent less than in 1970 and the smallest since 1932. For the fourth consecutive year, Canadian fishermen landed more halibut (55 percent of the production) than United States fishermen. The International Pacific Halibut Commission set a 1971 catch quota of 50 million pounds, but fishermen were unable to reach the quota by the statutory closing date of November 1, 1971. Some of the factors contributing to the smaller landings were sharply decreased catches per unit of effort, diversion of halibut vessels to other fisheries, stormy weather toward the end of the season, and foreign fleets fishing off the Alaska coast.

Jack mackerel. Landings in California, the only producing State, were 59.9 million pounds--12.2 million more than in 1970, but a decline of 7.5 million compared with the 1961-70 average of 67.4 million pounds. The harvest was the best since 1965.

Lobsters. The harvest of American lobsters was 33.7 million pounds worth a record $35.6 million--a decline of 464,000 pounds, but an increase of $2.1 million compared with 1970. Landings declined slightly in both the New England and Middle Atlantic States, the major producing areas. Fishermen received an average price of $1.06 per pound in 1971--compared with 98 cents in 1970. The available supply (United States domestic landings of American lobsters plus imports from Canada) was 51.2 million pounds--compared with 51.3 million in 1970.

Landings of spiny lobsters were 8.9 million pounds worth a record $7.8 million--a decline of 14 percent in quantity, but an increase of 24 percent in value compared with 1970. The Florida production of 8.2 million pounds worth $7.1 million accounted for 92 percent of the total landings and 90 percent of the total value. The rest of the production was in California except for small landings in Alabama, Mississippi, and Hawaii.

Menhaden. Landings were 2,196 million pounds--a gain of 358.5 million (20 percent) compared with 1970, and the best since the record 2,348-million-pound harvest of 1962. Record landings of 1,609 million pounds in the Gulf States were 33 percent more than in 1970 and partly offset a moderate decline along the Atlantic coast. Beginning in 1963, the yield from the Gulf of Mexico waters has exceeded the yield from the Atlantic coast and since 1967 has trended sharply upward.

The upward trend of the menhaden fishery was reflected in the domestic production of meal and oil. Production of menhaden meal (221,000 tons) was 17 percent more than in 1970. The total value of menhaden meal was a record $35.0 million, but the average price per ton declined from $184 in 1970 to $158 in 1971. Production of menhaden oil was a record 244.0 million pounds--a gain of 31 percent compared with 1970.

GENERAL REVIEW

Oysters. Landings yielded 57.9 million pounds of meats worth a record $34.0 million--an increase of 8 percent in volume and 15 percent in value compared with 1970. Landings increased in all areas, but principally in the Gulf States where the harvest was the best since 1968. The Chesapeake States led in production with 25.6 million pounds, followed by the Gulf States with 20.3 million, and the Pacific Coast States with 8.1 million pounds. The Chesapeake and Gulf States together accounted for 79 percent of the landings.

Salmon. Landings along the Pacific coast of 331.8 million pounds worth $80.7 million were 78.3 million pounds (19 percent) and $18.0 million (18 percent) less than in 1970. Alaska with landings of 251.7 million pounds worth $51.4 million had 76 percent of the total volume and 64 percent of the total value. Sharp declines in Alaska landings of red and pink salmon were the principal reasons for the smaller production. Alaska landings of 87.3 million pounds of red salmon declined 42 percent compared with the excellent production of 1970. Landings of pink salmon in Alaska were 86.3 million pounds--compared with 117.7 million in 1970, a 27-percent decline and the smallest harvest since 1967. Compared with 1970, landings in Washington (55.0 million pounds) increased 46 percent, and in California (8.1 million), 23 percent; but in Oregon (17.0 million pounds), they declined 13 percent.

The total pack of canned salmon was 3,509,400 standard cases worth $137.8 million--a decline of 312,800 cases (8 percent) and $851,700 (1 percent) compared with 1970. The entire decline was in Alaska where the pack of 2,899,000 standard cases was down about 665,500 cases because of smaller packs of pink and red salmon. Compared with 1970, the Washington pack of canned salmon (459,900 cases) increased 281,900 cases and the Oregon pack (150,500 cases) increased 70,800 cases.

Sea herring. Landings of 91.5 million pounds increased 3 percent compared with 1970. The entire gain was along the Atlantic coast where landings of 77.4 million pounds were 10.6 million more than in 1970. The New England States with 74.8-million-pound landings were, as usual, the foremost producing area. For the first time on record, Massachusetts led in sea herring landings with 58 percent of the New England total. Maine landings, for many years the mainstay of the fishery, were only 38 percent of the total. The Pacific coast production declined from 21.8 million pounds in 1970 to 14.2 million in 1971.

Imports into Maine ports of fresh sea herring from Canada (used chiefly for canning and reduction) were 66.7 million pounds--15 percent less than in 1970. The pack of canned Maine sardines was 950,800 standard cases worth $10.9 million--compared with 806,500 cases worth $11.2 million in 1970.

Sea scallops. Landings yielded 6.3 million pounds of meats worth $9.0 million--a decline of almost 1.0 million pounds and $372,000 compared with 1970. The harvest was far below the record 27.5 million pounds taken in 1961. Landings declined in all areas and were the smallest since 1945. Overfishing of the resource during the last decade appeared to be the principal cause of the decline of the sea scallop fishery.

Record imports of 17.4 million pounds (principally from Canada) were 3 percent more than in 1970. They supplied 74 percent of the total quantity of sea scallops available in the United States (23.7 million pounds)--compared with 70 percent in 1970.

Shrimp. Landings were a record 390.9 million pounds--23.4 million more than in 1970, the former record year. In the Gulf States, the harvest exceeded 200 million pounds for the fifth consecutive year, but the 227.4-million-pound production declined slightly compared with 1970. The Pacific Coast States had record landings of 107.8 million pounds (principally in Alaska)--a gain of 16 percent compared with 1970. Landings in the South Atlantic States (31.2 million pounds) and in the New England States (24.5 million) also increased moderately.

The value of shrimp landings was a record $167.4 million--a gain of $37.6 million compared with 1970. Shrimp continued to be the most valuable U.S. fishery. The exvessel value of landings increased in the South Atlantic, Gulf, and Pacific Coast States, the major producing areas.

Tuna. Landings by the U.S. fleet at ports in continental United States and Hawaii were 346.1 million pounds worth $74.9 million--a decline of 47.3 million pounds and $17,000 compared with 1970. The smaller harvest resulted principally from a sharp decline in landings of yellowfin and a slighter decline in landings of albacore tuna. The yellowfin tuna harvest was 157.5 million pounds--down 79.9 million from 1970; the albacore tuna harvest was 49.8 million--down 6.3 million pounds. However, landings of skipjack tuna (115.8 million pounds) increased 31.6 million, and bluefin tuna (22.9 million) increased 7.4 million pounds compared with 1970.

Despite the decline in total landings, the pack of canned tuna was a record 22.2 million standard cases worth a record $413.2 million--a gain of 1 percent in volume and 9 percent in value compared with 1970. The larger pack resulted from increased landings by U.S. vessels in Puerto Rico, which are not included in domestic landings statistics, and in imports of fresh and frozen tuna. Canned tuna available for consumption in 1971 (U.S. pack from domestic landings plus U.S. pack from imported tuna and imported canned) was 498.6 million pounds. Only 39 percent of the U.S. supply was packed from domestic landings--compared with 40 percent in 1970.

Whiting. Landings of 33.6 million pounds worth $2.1 million declined 10.9 million pounds and $1.8 million compared with 1970. The New England States accounted for 84 percent of the total production. Landings there of 28.2 million pounds were 30 percent less than in 1970, and the smallest since 1939. The decline of the fishery in New England reflected the poor market for whiting--a result of the record prices paid to fishermen in 1970. The industry had difficulty in 1971 selling the high-priced whiting inventory, and did not wish to increase their holdings appreciably. In addition, whiting were not as abundant on the fishing grounds as in the previous year.

Whales. In March 1971, the Secretary of the U.S. Department of Commerce announced the intention of that department to outlaw the capture of all whales placed on the endangered species list in 1970 by the U.S. Department of the Interior. He directed NMFS to publish a proposal in the Federal Register terminating commercial hunting of endangered species and fixed December 31, 1971, as the termination date for whaling operations. The whales on the endangered species list were the bowhead, blue, humpback, gray, right, fin or finback, sei, and sperm. The last three were the only species sought recently by U.S. commercial whalers. Only one whaling station, located in California, was active in 1971. The catch numbered 53 whales--20 less than in 1970. Four fin, 2 sei, and 47 sperm whales were taken in 1971.

High-seas fishery. U.S. fishermen landed 354.9 million pounds of fish and shellfish taken on the high seas off the coasts of foreign countries. Landings in the Pacific Coast States of 305.5 million pounds accounted for 86 percent of the total. Tuna landings of 282.6 million pounds taken off Central and South America declined 41.4 million compared with 1970. The tuna harvest was 80 percent of the total U.S. landings off foreign coasts and 82 percent of the total domestic tuna landings.

Fishery imports. Fishery products imported for consumption were worth a record $1.1 billion, and exports were worth a record $139.2 million--a gain of $36.8 million in imports and $21.8 million in exports compared with 1970. Imports of edible fishery products were 1.8 billion pounds worth a record $887.1 million--a decline of 5 percent in volume, but an increase of 9 percent in value compared with 1970. The volume decline resulted principally from sharp decreases in imports of fresh or frozen sea herring, swordfish fillets, and shrimp; canned tuna in brine, and unclassified canned fish. There were smaller declines in imports of fresh or frozen albacore and yellowfin tuna; canned oysters and oyster juice; and pickled and salted fish. Shrimp imports of

191.3 million pounds (including fresh or frozen, canned, and cured) worth $196.3 million were received from 68 countries. Shrimp was the major item imported with respect to value--accounting for 22 percent of the value of imported edible items. The following items increased in volume in 1971: fresh or frozen skipjack tuna, tuna loins and discs (chiefly albacore), groundfish blocks and slabs, crabs and crab meat, and lobsters.

Imports of nonedible fishery products were worth $187.1 million--a decline of $37.7 million compared with 1970. The decreases were principally in the value of receipts of cultured pearls, seaweeds and other marine plants, chemicals and related products, and nonmetallic minerals and products.

U.S. supply. The total quantity of fishery products available in the United States (domestic landings plus imports) on a round-weight basis increased from 11.5 billion pounds in 1970 to 11.8 billion in 1971--principally because of greater domestic production and imports of fish meal. U.S. landings were 5.0 billion pounds--compared with 4.9 billion in 1970. Imports of 6.8 billion pounds accounted for 58 percent of the total--compared with 57 percent in 1970 and 63 percent in 1969. The quantity of edible fishery products available was 6 billion pounds--imports accounted for 60 percent of this amount.

World landings. World landings of fish, crustaceans, mollusks, and other aquatic organisms were a record 153.7 billion pounds (live weight)--a 1 percent increase compared with 1970. Peru, for the 10th consecutive year, led all nations in volume of fishery landings, followed by Japan, Soviet Russia, China (Mainland), Norway, and the United States. These six nations accounted for 58 percent of world landings in 1971.

Other information. Summaries of landings statistics for certain States have been published previously in the Current Fishery Statistics series of bulletins. A preliminary review titled "Fisheries of the United States", available each April, contains current information on many aspects of the fisheries such as domestic and world landings, per capita consumption, price indexes, foreign trade, and supplies, together with comparative data for the previous year. "Fisheries of the United States" is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

GENERAL REVIEW

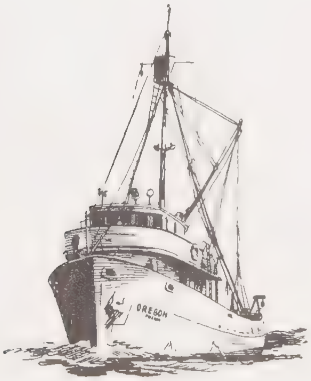
LANDINGS OF FISH AND SHELLFISH, 1945-71

(ROUND WEIGHT BASIS)

YEAR	LANDINGS FOR HUMAN FOOD	LANDINGS FOR INDUSTRIAL PRODUCTS 1/	TOTAL		AVERAGE PRICE PER POUND
	MILLION POUNDS			MILLION DOLLARS	CENTS
1945	3,167	1,431	4,598	270	5.87
1946	3,049	1,418	4,467	313	7.01
1947	3,020	1,329	4,349	312	7.16
1948	3,146	1,367	4,513	371	8.22
1949	3,305	1,499	4,804	343	7.13
1950	3,307	1,594	4,901	347	7.09
1951	3,048	1,385	4,433	365	8.23
1952	2,778	1,654	4,432	364	8.20
1953	2,519	1,968	4,487	356	7.94
1954	2,705	2,057	4,762	359	7.55
1955	2,579	2,230	4,809	339	7.05
1956	2,690	2,578	5,268	372	7.06
1957	2,475	2,314	4,789	354	7.39
1958	2,651	2,096	4,747	373	7.86
1959	2,369	2,753	5,122	346	6.76
1960	2,498	2,444	4,942	354	7.15
1961	2,490	2,697	5,187	362	6.98
1962	2,540	2,814	5,354	396	7.40
1963	2,556	2,291	4,847	377	7.78
1964	2,497	2,044	4,541	389	8.57
1965	2,587	2,190	4,777	446	9.34
1966	2,572	1,794	4,366	472	10.81
1967	2,368	1,687	4,055	440	10.85
1968	2,346	1,814	4,160	497	11.95
1969	2,321	2,016	4,337	527	12.15
1970	2,537	2,380	4,917	613	12.47
1971	2,441	2,577	5,018	651	12.97

1/ MANUFACTURED INTO MEAL, OIL, FISH SOLUBLES, HOMOGENIZED CONDENSED FISH, SHELL PRODUCTS, AND USED AS BAIT AND ANIMAL FOOD.

NOTE:--DOES NOT INCLUDE DATA ON THE HAWAII LANDINGS PRIOR TO 1948.



GENERAL REVIEW

SUMMARY OF LANDINGS, 1971

REGION	FISH		SHELLFISH ET AL.		WHALE PRODUCTS		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
NEW ENGLAND	434	39	80	56	-	-	514	95
MIDDLE ATLANTIC	101	7	60	26	-	-	162	32
CHESAPEAKE	443	11	124	30	-	-	567	41
SOUTH ATLANTIC	180	12	78	29	-	-	258	42
GULF	1,806	45	290	155	-	-	2,097	199
PACIFIC	989	174	279	45	1	(1)	1,269	219
GREAT LAKES	64	7	-	-	-	-	64	7
MISSISSIPPI RIVER AND TRIBUTARIES	65	9	6	1	-	-	71	10
HAWAII	17	5	(1)	(1)	-	-	17	5
TOTAL	4,099	308	918	343	1	(1)	5,018	651

1/ LESS THAN 500,000 POUNDS OR $500,000.

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1971

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
			NUMBER		
FISHERMEN:					
ON VESSELS	3,202	1,580	4,100	3,648	13,407
ON BOATS AND SHORE	19,560	6,878	14,722	5,616	11,403
TOTAL	22,762	8,458	18,822	9,264	24,810
VESSELS:					
MOTOR	699	424	1,567	1,324	4,315
GROSS TONNAGE	44,544	20,628	28,948	57,757	253,863
SAIL	-	-	36	-	-
GROSS TONNAGE	-	-	447	-	-
TOTAL VESSELS	699	424	1,623	1,324	4,315
TOTAL GROSS TONNAGE	44,544	20,628	29,395	57,757	253,863
BOATS:					
MOTOR	11,535	5,122	11,904	4,865	9,410
OTHER	172	126	352	171	141
GEAR:					
HAUL SEINES	25	50	190	122	92
STOP NETS AND SEINES	30	-	-	-	-
PURSE SEINES AND LAMPARA NETS:					
HERRING	371	-	-	-	-
MACKEREL AND SARDINE	5	-	-	-	-
MENHADEN	5	6	27	39	64
TUNA	3	3	-	-	-
OTHER	-	-	-	5	8
BAG NETS	7	-	-	80	-
BUTTERFLY NETS	-	-	-	-	1,190
OTTER TRAWLS:					
CRAB	-	-	-	518	-
FISH	614	200	60	136	89
LOBSTER	48	66	-	-	-
SCALLOP	-	-	-	25	-
SHRIMP	401	-	-	2,799	11,021
OTHER	-	-	-	8	-
WEIRS	34	6	-	-	-
POUND NETS	19	96	1,996	688	-
FLOATING TRAPS	23	-	-	-	-
FYKE AND HOOP NETS	14	69	1,828	1,048	14,360
POTS AND TRAPS:					
CONCH	2,878	325	-	-	-
CRAB	425	6,240	227,480	70,976	224,925
CRAWFISH	-	-	-	-	24,320
EEL	1,007	3,472	14,560	872	105
FISH	-	8,590	9,889	11,040	1,963
LOBSTER	1,470,393	87,440	3,200	78,825	147,737
SHRIMP	2,930	-	-	-	-
TURTLE	-	151	86	-	-
BOX TRAPS	4	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1971 - Continued

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER				
GEAR - CONTINUED:					
GILL NETS:					
ANCHOR, SET, OR STAKE	36	122	2,701	1,874	263
DRIFT	131	100	582	375	6
RUNAROUND	-	60	-	335	915
TRAMMEL NETS	-	-	-	30	630
LINES:					
HAND	3,275	1,343	130	1,087	3,148
TROLL	71	24	-	415	701
LONG OR SET WITH HOOKS	199	24	45	1,233	1,317
TROT WITH BAITS	-	-	7,982	116	631
DIP NETS	195	-	119	76	6,832
PUSH NETS	-	1	-	-	-
CAST NETS	-	-	-	19	25
HARPOONS	99	-	-	-	-
SPEARS	87	38	-	65	168
SCRAPES	-	-	428	-	-
DREDGES:					
CLAM	65	124	328	21	-
CRAB	-	5	285	-	-
MUSSEL	13	-	-	-	-
OYSTER	10	71	414	151	1,252
SCALLOP	3,678	504	20	100	92
OTHER	5	-	2	4	2
TONGS AND OYSTER GRABS	256	2,176	6,105	440	1,707
RAKES	1,514	3,408	75	294	-
HOES	5,379	16	-	-	-
PICKS	-	-	302	-	-
BRUSH TRAPS	-	-	-	-	43,150
GRABS, FROG	-	-	-	-	16
HOOKS, SPONGE	-	-	-	22	30
DIVING OUTFITS	39	-	-	4	7

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII 1/	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN:					
ON VESSELS	19,782	466	-	355	44,939
ON BOATS AND SHORE	23,653	1,059	11,384	1,178	95,453
TOTAL	43,435	1,525	11,384	1,533	140,392
VESSELS:					
MOTOR	5,717	220	-	89	13,972
GROSS TONNAGE	205,176	4,604	-	2,475	585,806
SAIL	-	-	-	-	36
GROSS TONNAGE	-	-	-	-	447
TOTAL VESSELS	5,717	220	-	89	14,008
TOTAL GROSS TONNAGE	205,176	4,604	-	2,475	586,253
BOATS:					
MOTOR	16,832	666	10,368	773	71,475
OTHER	244	77	276	39	1,598
GEAR:					
HAUL SEINES	147	77	257	(1)	960
STOP NETS AND SEINES	-	-	-	-	30
PURSE SEINES AND LAMPARA NETS:					
ANCHOVY	41	-	-	-	41
HERRING	188	-	-	-	559
MACKEREL AND SARDINE	65	-	-	-	70
MENHADEN	-	-	-	-	131
SALMON	1,365	-	-	-	1,365
SQUID	22	-	-	-	22
TUNA	133	-	-	-	136
OTHER	114	-	-	-	127
BAG NETS	-	-	-	(1)	87
BUTTERFLY NETS	-	-	-	-	1,190
BEAM TRAWLS:					
SHRIMP	11	-	-	-	11
OTHER	3	-	-	-	3
OTTER TRAWLS:					
CRAB	-	-	-	-	518
FISH	335	12	1	-	1,350
LOBSTER	-	-	-	-	111
SCALLOP	-	-	-	-	25
SHRIMP	129	-	-	-	13,754
OTHER	-	-	-	-	8

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1971 - Continued

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII 1/	TOTAL, EXCLUSIVE OF DUPLICATION
			NUMBER		
GEAR - CONTINUED:					
WEIRS	1	-	62	-	103
POUND NETS	3	293	6	-	3,101
TRAP NETS	-	836	105	-	941
FLOATING TRAPS	14	-	-	-	37
FYKE AND HOOP NETS	-	284	60,072	-	77,675
POTS AND TRAPS:					
CONCH	-	-	-	-	3,203
CRAB	203,134	-	-	(1)	733,180
CRAWFISH	5,700	-	61,522	-	91,542
EEL	-	-	-	(1)	20,016
FISH	2,310	-	3,944	(1)	37,736
LOBSTER	10,700	-	-	(1)	1,790,695
OCTOPUS	65	-	-	(1)	65
SHRIMP	3,976	-	155	(1)	7,061
TURTLE	-	-	65	-	302
BOX TRAPS	-	-	-	-	4
WIRE BASKETS	-	-	1,869	-	1,869
SLAT TRAPS	-	-	932	-	932
GILL NETS:					
ANCHOR, SET, OR STAKE	2,606	956	7,075	(1)	15,633
DRIFT	6,601	-	-	-	7,795
RUNAROUND	-	-	-	-	1,295
TRAMMEL NETS	11	-	4,852	-	5,523
LINES:					
HAND	9,904	-	777	-	18,464
TROLL	58,159	-	-	-	59,068
LONG OR SET WITH HOOKS	17,221	213	17,535	-	36,787
TROT WITH BAITS	-	-	-	-	8,676
SNAG	-	-	1,740	-	1,740
ELECTRICAL DEVICES	-	-	2	-	2
DIP NETS	(2)	-	245	-	7,467
BRAIL OR SCOOP NETS	283	-	-	-	283
LIFT NETS	-	-	-	(1)	(1)
REEF NETS	52	-	-	-	52
PUSH NETS	-	-	-	-	1
WHEELS	11	-	-	-	11
CAST NETS	-	-	-	(1)	44
HARPOONS	34	-	-	-	133
SPEARS	-	-	-	(1)	358
SCRAPES	-	-	-	-	428
DREDGES:					
CLAM	4	-	-	-	531
CRAB	-	-	-	-	290
MUSSEL	-	-	-	-	13
OYSTER	69	-	-	-	1,956
SCALLOP	5	-	-	-	4,320
OTHER	-	-	-	-	13
TONGS AND OYSTER GRABS	29	-	-	-	10,713
RAKES	-	-	-	-	5,291
HOES	-	-	-	-	5,395
SHOVELS	668	-	-	-	668
PICKS	-	-	-	-	302
BRUSH TRAPS	-	-	-	-	43,150
CROWFOOT BARS	-	-	22	-	22
GRABS, FROG	-	-	181	-	197
HOOKS, SPONGE	-	-	-	-	52
DIVING OUTFITS	191	-	12	-	253

1/ DATA ON THE NUMBER OF GEAR OPERATED IN HAWAII ARE NOT AVAILABLE.

2/ INCLUDED WITH BRAIL OR SCOOP NETS.

SUMMARY OF U.S. FISHING VESSELS, BY TONNAGE GROUPS, 1971

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER								
5 - 9	32	30	1,093	183	218	1,054	24	5	2,632
10 - 19	131	101	336	265	885	2,449	96	31	4,277
20 - 29	98	48	52	168	485	801	60	23	1,717
30 - 39	81	50	26	178	354	448	21	11	1,126
40 - 49	58	45	18	170	316	322	17	11	900
50 - 59	37	35	8	87	256	165	2	4	545
60 - 69	39	23	18	93	431	76	-	1	630
70 - 79	41	22	10	54	244	45	-	1	374
80 - 89	25	9	3	35	197	27	-	-	271
90 - 99	23	20	4	40	420	39	-	1	517
100 - 109	13	2	2	7	105	27	-	1	150
110 - 119	27	14	8	4	77	23	-	-	140
120 - 129	12	6	3	2	81	13	-	-	114
130 - 139	13	1	1	1	97	11	-	-	123
140 - 149	4	3	3	2	23	14	-	-	46
150 - 159	13	3	3	1	25	8	-	-	49
160 - 169	7	1	3	-	8	20	-	-	38
170 - 179	9	1	-	-	9	10	-	-	29
180 - 189	1	1	-	1	8	16	-	-	26
190 - 199	20	5	10	4	10	38	-	-	79
200 - 209	-	-	2	2	-	-	-	-	3
210 - 219	1	-	-	-	1	1	-	-	3
220 - 229	-	-	1	-	4	-	-	-	5
230 - 239	2	1	-	1	1	1	-	-	6
240 - 249	-	-	3	5	2	-	-	-	6
250 - 259	-	-	7	5	2	1	-	-	11
260 - 269	-	-	5	6	1	2	-	-	9
270 - 279	-	-	-	-	1	4	-	-	5
280 - 289	-	-	1	-	2	1	-	-	4
290 - 299	2	1	-	1	2	4	-	-	9
300 - 309	2	-	-	-	-	1	-	-	3
310 - 319	4	-	-	-	2	3	-	-	9
320 - 329	2	-	-	-	1	3	-	-	6
330 - 339	-	-	-	-	-	4	-	-	4
340 - 349	-	-	-	-	-	2	-	-	2
350 - 359	-	-	-	-	-	4	-	-	4
360 - 369	-	-	-	-	2	3	-	-	5
370 - 379	-	-	-	-	3	1	-	-	4
380 - 389	-	1	-	-	2	2	-	-	5
410 - 419	-	-	-	-	2	1	-	-	3
420 - 429	-	1	-	-	1	2	-	-	4
430 - 439	-	-	-	-	1	4	-	-	5
440 - 449	-	-	-	-	-	2	-	-	2
450 - 459	1	-	-	1	1	-	-	-	2
460 - 469	-	-	-	-	1	2	-	-	3
470 - 479	-	-	-	-	5	1	-	-	6
480 - 489	-	-	-	-	2	3	-	-	5
490 - 499	-	-	-	-	-	3	-	-	3
500 - 509	-	-	-	-	1	-	-	-	1
510 - 519	-	-	-	-	3	-	-	-	3
520 - 529	-	-	-	1	5	-	-	-	5
530 - 539	-	-	-	1	11	1	-	-	12
540 - 549	-	-	1	1	-	-	-	-	1
550 - 559	-	-	1	1	2	-	-	-	2
560 - 569	-	-	-	-	-	2	-	-	2
570 - 579	-	-	-	1	1	1	-	-	2
580 - 589	-	-	-	-	-	1	-	-	1
600 - 609	-	-	-	-	1	-	-	-	1
610 - 619	-	-	-	-	1	-	-	-	1
630 - 639	-	-	1	1	-	2	-	-	3
640 - 649	-	-	-	1	1	-	-	-	1
670 - 679	-	-	-	-	-	9	-	-	9
690 - 699	-	-	-	-	-	1	-	-	1
710 - 719	-	-	-	-	-	1	-	-	1
720 - 729	-	-	-	-	-	5	-	-	5
730 - 739	-	-	-	-	-	1	-	-	1
750 - 759	-	-	-	-	-	1	-	-	1

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

SUMMARY OF U.S. FISHING VESSELS, BY TONNAGE GROUPS 1971 - Continued

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBER								
760 - 769	-	-	-	-	-	1	-	-	1
770 - 779	-	-	-	-	-	1	-	-	1
790 - 799	-	-	-	-	-	1	-	-	1
800 - 809	-	-	-	-	-	1	-	-	1
830 - 839	-	-	-	-	-	2	-	-	2
860 - 869	-	-	-	-	-	9	-	-	9
870 - 879	-	-	-	-	-	1	-	-	1
880 - 889	-	-	-	-	-	1	-	-	1
890 - 899	-	-	-	-	-	1	-	-	1
910 - 919	-	-	-	-	-	2	-	-	2
920 - 929	-	-	-	-	-	2	-	-	2
950 - 959	-	-	-	-	1	1	-	-	2
970 - 979	-	-	-	-	-	1	-	-	1
990 - 999	-	-	-	-	-	1	-	-	1
1010 - 1019	-	-	-	-	-	1	-	-	1
1020 - 1029	-	-	-	1	-	-	-	-	1
1090 - 1099	-	-	-	-	-	1	-	-	1
1110 - 1119	-	-	-	-	-	2	-	-	2
1120 - 1129	-	-	-	-	-	1	-	-	1
1130 - 1139	-	-	-	-	-	1	-	-	1
1590 - 1599	1	-	-	-	-	-	-	-	1
TOTAL VESSELS	699	424	1,623	1,324	4,315	5,717	220	89	14,008
TOTAL GROSS TONNAGE. . .	44,544	20,628	29,395	57,757	253,663	205,176	4,604	2,475	586,253

1/ INCLUDES SAILING VESSELS.

LENGTH DISTRIBUTION OF U.S. FISHING VESSELS, 1971

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBER								
5 - 9	-	-	-	-	1	-	-	-	1
20 - 29	12	7	8	54	59	900	10	2	1,051
30 - 39	129	89	1,124	376	768	2,607	128	23	5,220
40 - 49	119	79	299	332	882	1,405	66	29	3,174
50 - 59	126	73	76	287	895	302	16	12	1,675
60 - 69	105	92	39	214	1,292	175	-	11	1,791
70 - 79	89	41	20	19	309	117	-	11	578
80 - 89	57	16	11	2	14	73	-	1	161
90 - 99	26	9	6	2	2	19	-	-	57
100 - 109	18	14	10	4	5	13	-	-	50
110 - 119	6	-	1	-	4	25	-	-	36
120 - 129	2	1	23	22	13	13	-	-	56
130 - 139	- 8	-	-	1	13	17	-	-	38
140 - 149	-	2	1	1	12	3	-	-	18
150 - 159	-	1	-	1	10	25	-	-	36
160 - 169	-	-	2	5	27	9	-	-	37
170 - 179	-	-	1	1	2	6	-	-	9
180 - 189	-	-	-	-	-	1	-	-	1
190 - 199	-	-	-	1	3	5	-	-	8
200 - 209	-	-	-	2	1	1	-	-	3
260 - 269	1	-	-	-	1	-	-	-	2
340 - 349	-	-	-	-	1	-	-	-	1
350 - 359	-	-	1	-	-	-	-	-	1
380 - 389	-	-	-	-	-	1	-	-	1
420 - 429	1	-	-	-	-	-	-	-	1
500 - 509	-	-	-	-	1	-	-	-	1
560 - 569	-	-	1	-	-	-	-	-	1
TOTAL	699	424	1,623	1,324	4,315	5,717	220	89	14,008

1/ INCLUDES SAILING VESSELS.

U.S. FISHING VESSELS BY YEAR BUILT AND REGION, 1971

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
					NUMBER				
1866	-	1	-	-	-	-	-	-	1
1872	-	1	1	-	-	-	-	-	2
1873	-	1	-	-	-	-	-	-	1
1875	-	1	1	-	-	-	-	-	1
1876	-	2	-	-	-	-	-	-	2
1883	-	1	-	-	-	-	-	-	1
1886	-	-	1	-	-	-	-	-	1
1887	1	1	-	-	-	1	-	-	3
1888	-	1	-	-	1	-	-	-	2
1889	-	-	-	-	1	-	-	-	1
1890	-	-	1	-	-	-	-	-	1
1891	-	-	1	-	1	-	-	-	2
1893	-	1	-	-	-	1	-	-	2
1894	-	-	-	-	-	1	-	-	1
1896	-	-	2	1	-	-	-	-	3
1897	-	-	1	-	-	-	-	-	1
1898	-	-	-	1	1	-	-	-	2
1899	-	-	-	1	-	-	-	-	1
1900	-	1	1	-	2	1	-	-	5
1901	1	4	7	2	3	1	-	-	17
1902	2	1	1	-	-	2	-	-	6
1903	2	4	1	-	2	3	-	-	12
1904	-	-	5	-	2	1	-	-	8
1905	-	1	5	-	6	2	-	-	14
1906	2	4	2	-	4	5	-	-	17
1907	-	-	1	-	1	10	-	-	12
1908	-	-	2	-	-	5	-	-	7
1909	-	3	4	-	1	7	-	-	15
1910	-	3	2	-	-	9	-	-	13
1911	-	2	4	4	1	14	-	-	24
1912	-	-	4	1	3	30	1	-	39
1913	-	6	5	2	-	29	-	-	42
1914	2	-	5	-	2	32	2	-	43
1915	1	-	6	1	3	42	-	-	53
1916	-	2	2	-	2	22	-	-	28
1917	5	3	7	-	2	79	-	-	93
1918	3	3	4	1	3	57	-	-	68
1919	-	3	2	1	3	43	-	-	52
1920	1	2	4	-	2	70	-	-	79
1921	2	1	2	5	1	21	-	-	32
1922	1	2	7	3	3	14	1	-	31
1923	2	4	15	4	2	19	-	-	44
1924	13	7	9	2	14	40	-	-	83
1925	9	2	10	4	13	67	-	-	104
1926	6	3	9	1	12	79	3	1	113
1927	6	7	10	9	9	96	3	1	138
1928	10	4	12	4	20	108	1	3	161
1929	9	6	9	4	16	86	4	2	136
1930	9	8	13	13	12	64	5	2	123
1931	6	4	7	5	11	37	1	-	70
1932	9	2	10	7	5	17	1	-	51
1933	6	1	8	3	7	17	3	-	45
1934	3	1	18	4	8	32	4	1	71
1935	2	2	12	8	16	72	8	1	121
1936	8	8	17	9	37	46	10	1	134
1937	12	6	21	9	51	60	11	1	167
1938	7	7	24	10	42	74	6	2	167
1939	13	3	16	11	23	100	2	1	169
1940	8	3	31	5	30	100	4	-	181
1941	26	6	14	6	28	106	4	-	188
1942	14	15	19	23	24	150	2	2	238
1943	20	25	30	24	40	144	4	-	263
1944	43	12	36	35	67	234	9	1	424
1945	48	23	38	29	72	231	18	3	450
1946	39	25	66	56	92	235	28	12	543
1947	31	18	45	47	94	226	18	11	488
1948	19	9	60	35	133	163	19	-	431
1949	22	8	50	48	67	161	5	2	358

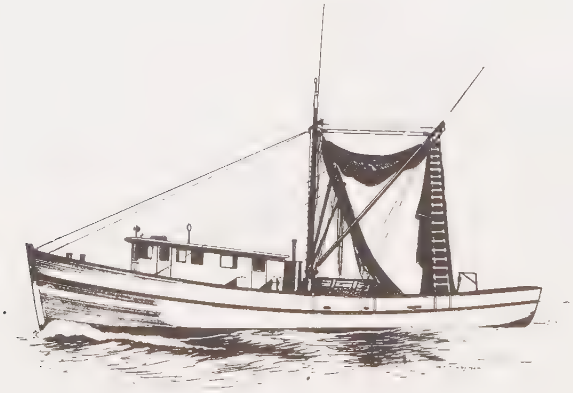
SEE FOOTNOTE AT NED OF TABLE.

(CONTINUED ON NEXT PAGE)

U.S. FISHING VESSELS BY YEAR BUILT AND REGION, 1971 - Continued

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER								
1950	10	8	35	17	62	119	11	1	259
1951	13	4	29	29	63	146	4	-	281
1952	20	6	38	26	81	142	6	2	315
1953	13	10	32	23	133	118	-	3	326
1954	9	7	44	35	144	54	-	-	290
1955	11	5	44	35	68	82	3	1	242
1956	10	8	73	46	92	70	2	-	292
1957	11	10	62	59	136	74	2	-	328
1958	6	2	52	68	191	62	7	1	361
1959	16	4	61	33	82	70	5	2	266
1960	7	4	45	18	63	58	1	-	193
1961	9	4	38	23	71	76	-	2	217
1962	11	4	26	25	87	86	-	2	230
1963	11	8	35	35	146	96	1	1	322
1964	14	5	22	26	137	103	-	5	304
1965	14	5	38	27	226	110	-	4	412
1966	26	9	44	44	269	139	-	4	509
1967	21	7	54	54	320	146	-	2	575
1968	13	10	42	57	360	150	1	5	606
1969	10	13	39	44	226	178	-	4	493
1970	10	7	34	53	168	173	-	1	430
1971	8	6	23	22	178	153	-	2	388
UNKNOWN	3	4	13	87	17	46	-	-	170
TOTAL VESSELS	699	424	1,623	1,324	4,315	5,717	220	89	14,008

1/ INCLUDES SAILING VESSELS.



LARGE SHRIMP TRAWLER

U.S. LANDINGS BY WATERS, FISHERMEN, CRAFT, PLANTS, AND EMPLOYMENT, BY STATES, 1971

STATE	MARINE WATERS AND COASTAL RIVERS		LAKES 1/		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL		FISHERMEN	FISHING CRAFT		PROCESSING AND WHOLESALE		
										VESSELS	BOATS	PLANTS	EMPLOYMENT AVERAGE	
													SEASON	YEAR
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	NUMBER					
ALABAMA	34,237	13,812	-	-	3,365	544	37,602	14,356	2,281	470	1,003	79	2,340	1,378
ALASKA	471,218	83,766	-	-	-	-	471,218	83,766	19,244	2,377	7,770	192	8,502	3,500
ARKANSAS	-	-	-	-	9,428	1,948	9,428	1,948	2,890	-	2,890	24	145	128
CALIFORNIA	583,434	86,371	-	-	-	-	583,434	86,371	12,615	1,994	2,335	181	9,581	7,560
CONNECTICUT	6,780	1,752	-	-	-	-	6,780	1,752	801	24	502	8	41	34
DELAWARE	9,618	1,651	-	-	-	-	9,618	1,651	714	17	268	16	360	269
FLORIDA	165,329	43,171	14,171	2,851	-	-	179,500	46,022	9,324	1,456	4,127	442	6,591	5,569
GEORGIA	18,410	7,479	-	-	-	-	18,410	7,479	1,549	423	598	51	2,167	1,814
HAWAII	16,873	5,238	-	-	-	-	16,873	5,238	1,539	91	812	2/50	2/6,244	2/4,810
IDAHO	-	-	-	-	1,329	317	1,329	317	745	-	734	-	-	-
ILLINOIS	-	-	656	164	4,885	570	5,541	734	353	6	306	79	983	905
INDIANA	-	-	785	144	119	29	904	173	107	2	91	15	122	110
IOWA	-	-	-	-	3,369	348	3,369	348	465	-	473	20	154	130
KANSAS	-	-	-	-	39	11	39	11	11	-	11	6	160	142
KENTUCKY	-	-	-	-	2,824	533	2,824	533	545	-	524	14	117	113
LOUISIANA	1,390,832	71,945	-	-	10,420	1,873	1,401,252	73,818	12,694	1,808	6,063	218	5,577	3,766
MAINE	142,684	31,129	-	-	-	-	142,684	31,129	11,808	181	6,997	242	5,015	3,229
MARYLAND	75,113	19,666	-	-	-	-	75,113	19,666	13,928	825	10,404	207	4,824	3,735
MASSACHUSETTS	276,626	48,348	-	-	-	-	276,626	48,348	7,966	412	2,963	212	5,561	4,777
MICHIGAN	-	-	15,592	2,744	-	-	15,592	2,744	452	103	139	49	405	342
MINNESOTA	-	-	3,105	199	8,445	903	11,550	1,102	868	4	474	24	251	167
MISSISSIPPI	396,903	12,701	-	-	3,673	669	400,576	13,370	3,705	443	2,014	79	1,876	1,173
MISSOURI	-	-	-	-	773	148	773	148	455	-	456	33	315	292
MONTANA	-	-	-	-	705	110	705	110	20	-	14	-	-	-
NEBRASKA	-	-	-	-	174	12	174	12	151	-	153	7	39	38
NEW HAMPSHIRE	1,337	864	-	-	-	-	1,337	864	565	-	257	13	425	358
NEW JERSEY	115,586	12,199	-	-	-	-	115,586	12,199	2,680	259	1,455	108	2,322	1,887
NEW YORK	36,360	18,570	487	140	-	-	36,847	18,710	5,274	180	3,562	240	2,644	2,508
NORTH CAROLINA	143,475	11,227	-	-	-	-	143,475	11,227	4,160	521	2,337	174	2,310	1,400
NORTH DAKOTA	-	-	-	-	363	39	363	39	11	-	6	5	11	8
OHIO	-	-	8,111	1,403	500	28	8,611	1,431	424	14	313	33	561	499
OKLAHOMA	-	-	-	-	233	55	233	55	46	-	46	11	43	43
OREGON	77,676	16,882	-	-	-	-	77,676	16,882	4,840	1,000	2,112	50	3,119	2,229
PENNSYLVANIA	-	-	377	106	-	-	377	106	24	7	6	46	1,326	1,187
RHODE ISLAND	86,094	12,552	-	-	-	-	86,094	12,552	2,014	174	988	32	306	254
SOUTH CAROLINA	24,154	8,151	-	-	-	-	24,154	8,151	1,522	386	501	75	1,019	764
SOUTH DAKOTA	-	-	-	-	3,013	235	3,013	235	67	-	21	5	21	13
TENNESSEE	-	-	-	-	4,929	821	4,929	821	795	-	775	40	144	134
TEXAS	167,183	69,772	-	-	2,302	382	169,485	70,154	7,394	2,046	1,167	188	5,350	3,90[illegible]
VIRGINIA	491,765	21,821	-	-	-	-	491,765	21,821	4,948	824	1,852	248	[illegible],946	4,1[illegible]1
WASHINGTON	136,781	32,165	-	-	-	-	136,781	32,165	10,740	1,617	4,951	128	3,315	2,198
WISCONSIN	-	-	34,807	1,728	10,552	627	45,359	2,355	1,153	94	729	60	539	495
TOTAL	4,868,468	631,232	78,091	9,479	71,440	10,202	5,017,999	650,913	3/140,392	3/14,008	3/73,073	3,704	90,771	[illegible],024

1/ INCLUDES THE LANDINGS OF THE GREAT LAKES, THE INTERNATIONAL LAKES OF MINNESOTA, AND THE INLAND LAKES OF FLORIDA.
2/ AMERICAN SAMOA AND PUERTO RICO ARE INCLUDED WITH HAWAII.
3/ EXCLUSIVE OF DUPLICATION.

LANDINGS BY REGION, 1971

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	2,279	54	10	(1)	13,096	294	13,440	215
AMBERJACK	3	(1)	-	-	-	-	22	2
ANCHOVIES	2	1	-	-	-	-	-	-
ANGELFISH	-	-	-	-	-	-	6	(1)
ANGLERFISH	148	6	29	2	-	-	-	-
BALLYHOO	-	-	-	-	-	-	209	38
BLUEFISH	628	66	2,190	274	752	77	1,216	258
BLUE RUNNER	-	-	-	-	-	-	53	4
BONITO	57	11	8	(1)	-	-	6	1
BUTTERFISH	1,179	213	1,597	288	678	103	58	5
CABIO	-	-	-	-	4	(1)	18	2
CARP	3	(1)	23	3	241	7	46	1
CATFISH AND BULLHEADS	27	4	3	(1)	1,788	244	19,396	3,740
COD	53,623	6,413	575	104	5	1	-	-
CRAPPIE	-	-	-	-	14	1	-	-
CREVALLE	-	-	-	-	-	-	63	4
CROAKER	-	-	(1)	(1)	265	34	1,040	74
CUSK	1,804	160	-	-	-	-	-	-
DOLPHIN	-	-	-	-	-	-	22	4
DRUM:								
BLACK	-	-	45	2	102	7	169	15
RED	-	-	-	-	1	(1)	104	20
EELS:								
COMMON	221	65	494	111	1,457	373	268	40
CONGER	8	2	4	(1)	-	-	-	-
FLOUNDERS	90,614	14,431	13,353	1,730	2,094	620	4,331	1,190
FRIGATE MACKEREL	165	9	-	-	-	-	-	-
GARFISH	-	-	-	-	1	(1)	-	-
GIZZARD SHAD	-	-	-	-	66	1	-	-
GOATFISH	-	-	-	-	-	-	76	18
GROUPERS	-	-	-	-	-	-	729	159
GRUNTS	-	-	1	(1)	-	-	30	3
HADDOCK	21,543	5,601	16	2	-	-	-	-
HAKE:								
RED	1,130	52	997	55	28	2	-	-
WHITE	5,765	347	52	6	1	(1)	-	-
HALIBUT	246	159	-	-	-	-	-	-
HARVESTFISH	-	-	-	-	77	14	48	7
HERRING:								
SEA	74,817	1,476	101	3	2,451	37	-	-
THREAD	-	-	-	-	-	-	6,463	110
HICKORY SHAD	-	-	-	-	22	2	65	3
HOGCHOKER	-	-	-	-	2	(1)	-	-
HOGFISH	-	-	-	-	-	-	1	(1)
JEWFISH	-	-	-	-	-	-	3	(1)
KING WHITING OR "KINGFISH"	1	(1)	54	9	28	4	2,102	268
LAUNCE	33	9	-	-	-	-	-	-
MACKEREL:								
ATLANTIC	3,535	179	1,481	79	134	7	-	-
KING	-	-	-	-	7	1	2,923	823
SPANISH	(1)	(1)	(1)	(1)	52	9	2,681	323
TOTAL MACKEREL	3,535	179	1,481	79	193	17	5,604	1,146
MENHADEN	25,893	344	61,562	1,082	400,103	6,550	99,289	1,416
MOJARRA	-	-	-	-	-	-	106	9
MULLET	-	-	-	-	9	1	3,737	274
OCEAN PERCH, ATLANTIC	59,983	3,047	(1)	(1)	-	-	-	-
PERMIT	-	-	-	-	-	-	4	1
PIGFISH	-	-	-	-	10	1	274	21
POLLOCK	10,873	829	6	(1)	-	-	-	-
POMPANO	(1)	(1)	-	-	-	-	127	158
SAND PERCH	-	-	-	-	-	-	6	(1)
SCUP OR PORGY	3,408	1,010	3,389	846	1,939	214	404	63
SEA BASS, BLACK (ATLANTIC)	59	35	393	136	798	167	1,398	339
SEA CATFISH	-	-	-	-	-	-	19	1
SEA ROBIN	161	5	156	6	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY	200	23	4,591	500	2,741	307	3,790	251
SPOTTED	-	-	-	-	44	10	873	280
SHAD	283	68	222	43	2,473	259	1,452	340
SHARKS:								
GRAYFISH	10	(1)	123	12	27	1	-	-
UNCLASSIFIED	13	1	2	(1)	33	1	12	1
TOTAL SHARKS	23	1	125	12	60	2	12	1

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1971 - Continued

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SHEEPSHEAD, SALTWATER	-	-	-	-	-	-	224	26
SILVERSIDES	-	-	232	36	-	-	-	-
SKATES	153	11	33	1	-	-	-	-
SMELT	132	41	-	-	-	-	-	-
SNAPPERS:								
LANE	-	-	-	-	-	-	5	2
MANGROVE	-	-	-	-	-	-	83	38
MUTTON	-	-	-	-	-	-	181	114
RED	-	-	-	-	-	-	527	370
VERMILION	-	-	-	-	-	-	61	23
YELLOWTAIL	-	-	-	-	-	-	144	78
UNCLASSIFIED	-	-	-	-	-	-	7	4
SPADEFISH	-	-	-	-	-	-	4	(1)
SPANISH SARDINES	-	-	-	-	-	-	6	(1)
SPOT	-	-	3	(1)	524	62	5,373	731
STRIPED BASS	895	242	1,513	424	3,964	1,150	1,451	314
STURGEON, COMMON	8	(1)	20	3	20	3	159	29
SUCKERS	-	-	-	-	1	(1)	3	(1)
SUNFISH	-	-	-	-	7	1	-	-
SWELLFISH	-	-	121	12	582	24	43	2
SWORDFISH	73	71	4	2	-	-	-	-
TAUTOG	72	4	64	3	(1)	(1)	-	-
TENPOUNDER	-	-	-	-	-	-	(1)	(1)
TILEFISH	47	8	88	9	3	(1)	9	
TRIGGERFISH	-	-	-	-	-	-	5	(1)
TRIPLETAIL	-	-	-	-	-	-	3	(1)
TUNA:								
BLUEFIN	3,100	485	2,029	406	-	-	-	-
LITTLE	-	-	10	1	-	-	-	-
SKIPJACK	354	54	(1)	(1)	-	-	-	-
UNCLASSIFIED	110	9	-	-	-	-	-	-
TOTAL TUNA	3,564	548	2,039	407	-	-	-	-
TURBOT	23	5	-	-	-	-	-	-
WARSAW	-	-	-	-	-	-	86	15
WHITE PERCH	64	13	212	38	1,969	303	367	45
WHITING	28,191	1,613	5,006	470	100	8	286	34
WOLFFISH	610	42	-	-	-	-	-	-
YELLOW PERCH	-	-	-	-	88	10	24	3
UNCLASSIFIED:								
FOR FOOD	5,731	650	175	18	-	6	305	[illegible]
FOR BAIT, REDUCTION, AND ANIMAL FOOD	35,293	729	150	3	4,466	96	1,244	16
TOTAL FISH	433,570	38,599	101,137	6,719	443,339	11,012	179,679	12,456
SHELLFISH ET AL.								
CRABS:								
BLUE:								
HARD	(1)	(1)	2,117	375	73,882	6,171	39,551	3,262
SOFT AND PEELER	-	-	22	9	2,223	1,052	49	25
GREEN	35	5	-	-	-	-	-	-
ROCK	929	66	51	3	-	-	-	-
STONE	-	-	-	-	-	-	91	48
TOTAL CRABS	964	71	2,190	387	76,105	7,223	39,691	3,335
HORSESHOE CRABS	7	1	4	(1)	-	-	-	-
LOBSTERS:								
AMERICAN	30,283	31,811	3,143	3,555	262	128	(1)	(1)
SPINY	-	-	-	-	-	-	3,419	[illegible]
SHRIMP	24,536	4,653	1	(1)	-	-	31,200	30,319
CLAMS:								
HARD	2,525	2,354	11,138	12,511	2,169	1,590	366	105
OCEAN QUAHOG	2,032	345	-	-	-	-	-	-
RANGIA	-	-	-	-	-	-	47	15
RAZOR	2	2	10	4	-	-	-	-
SOFT	6,464	3,721	202	64	5,986	2,993	-	-
SURF	173	37	40,103	5,345	12,259	1,508	-	-
TOTAL CLAMS	11,196	6,459	51,453	17,944	20,414	6,091	413	120
CONCHS	397	114	118	17	81	13	(1)	(1)
MUSSELS, SEA	359	85	318	96	-	-	-	-
OCTOPUS	-	-	-	-	-	-	(1)	(1)
OYSTERS, MARKET, EASTERN:								
PUBLIC	12	26	46	46	18,656	11,238	353	236
PRIVATE	178	362	1,919	2,547	6,901	4,806	1,493	801
TOTAL OYSTERS	190	388	1,965	2,593	25,557	16,044	1,846	1,037

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1971 - Continued

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC	
SHELLFISH ET AL. - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
PERIWINKLES AND COCKLES	29	15	-	-	-	-	-	-
SCALLOPS:								
BAY	2,063	3,531	144	234	-	-	60	42
CALICO	-	-	-	-	-	-	1,574	802
SEA	4,346	6,418	514	771	546	802	-	-
TOTAL SCALLOPS	6,409	9,949	658	1,005	546	802	1,634	844
SQUID	1,768	220	516	94	421	40	20	3
SEA URCHINS	52	4	-	-	-	-	-	-
TERRAPIN	-	-	1	(1)	7	3	-	-
TURTLES:								
GREEN, SEA	-	-	-	-	-	-	5	1
LOGGERHEAD	-	-	1	(1)	-	-	10	3
SNAPPER	-	-	58	10	147	31	20	3
SOFT-SHELL	-	-	-	-	-	-	105	9
UNCLASSIFIED	-	-	1	(1)	-	-	-	-
TOTAL TURTLES	-	-	60	10	147	31	140	16
IRISH MOSS	2,070	62	-	-	-	-	-	-
SPONGES	-	-	-	-	-	-	12	31
BLOODWORMS	809	1,384	-	-	-	-	-	-
SANDWORMS	882	830	-	-	-	-	-	-
TOTAL SHELLFISH ET AL.	79,951	56,046	60,427	25,701	123,540	30,475	78,374	29,337
GRAND TOTAL	513,521	94,645	161,564	32,420	566,878	41,487	258,053	41,693

SPECIES	GULF		PACIFIC		GREAT LAKES	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	420	16	-	-	29,654	305
AMBERJACK	45	4	-	-	-	-
ANCHOVIES	-	-	89,904	1,103	-	-
ANGELFISH	4	(1)	-	-	-	-
ARCTIC CHAR	-	-	29	5	-	-
BALLYHOO	84	19	-	-	-	-
BARRACUDA	2	(1)	17	6	-	-
BLUE PIKE	-	-	-	-	(1)	(1)
BLUEFISH	532	51	-	-	-	-
BLUE RUNNER	2,227	90	-	-	-	-
BONITO	127	5	20,269	1,841	-	-
BOWFIN	4	(1)	-	-	(1)	(1)
BUFFALOFISH	613	84	-	-	13	2
BURBOT	-	-	-	-	315	8
CABEZONE	-	-	4	(1)	-	-
CABIO	104	7	-	-	-	-
CARP	18	1	474	40	7,288	341
CATFISH AND BULLHEADS	3,362	955	-	-	1,162	414
CHUBS	-	-	-	-	7,523	1,481
CIGARFISH	527	70	-	-	-	-
COD	-	-	6,092	415	-	-
CRAPPIE	-	-	-	-	55	22
CREVALLE	676	21	-	-	-	-
CROAKER	10,234	1,276	-	-	-	-
DOLLY VARDEN TROUT	-	-	1	(1)	-	-
DOLPHIN	38	6	-	-	-	-
DRUM:						
BLACK	1,769	161	-	-	-	-
RED	3,514	754	-	-	-	-
EEL, COMMON	5	1	-	-	38	9
FLOUNDERS	2,201	409	43,353	4,233	-	-
FLYING FISH	-	-	160	24	-	-
GARFISH	476	41	-	-	-	-
GIZZARD SHAD	-	-	-	-	1	(1)
GOLDFISH	-	-	-	-	80	4
GROUPERS	6,905	1,343	-	-	-	-
GRUNTS	357	51	-	-	-	-
HAKE, PACIFIC	-	-	10,679	116	-	-
HALFMOON	-	-	23	6	-	-
HALIBUT	-	-	28,150	6,559	-	-
HERRING:						
LAKE	-	-	-	-	1,190	166
SEA	-	-	14,172	524	-	-
THREAD	4,642	91	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1971 - Continued

SPECIES	GULF		PACIFIC		GREAT LAKES	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HOGFISH	22	5	-	-	-	-
JACK MACKEREL	-	-	59,883	2,416	-	-
JEWFISH	192	17	-	-	-	-
KING WHITING OR "KINGFISH".	1,550	104	-	-	-	-
LAKE TROUT.	-	-	-	-	270	[illegible]
LAMPREY	-	-	3	1	-	-
LINGCOD	-	-	6,070	499	-	-
MACKEREL:						
KING.	2,738	478	-	-	-	-
PACIFIC	-	-	156	8	-	-
SPANISH	7,658	555	-	-	-	-
TOTAL MACKEREL. . . .	10,396	1,033	156	8	-	-
MENHADEN.	1,609,182	25,918	-	-	-	-
MOJARRA	152	16	-	-	-	-
MULLET.	27,087	2,286	-	-	-	-
OCEAN PERCH, PACIFIC. . . .	-	-	9,846	655	-	-
OPALEYE	-	-	5	1	-	-
PADDLEFISH	1	(1)	-	-	-	-
PERCH	-	-	414	72	-	-
PERMIT.	21	3	-	-	-	-
PIGFISH	14	1	-	-	-	-
PIKE OR PICKEREL.	-	-	(1)	(1)	96	11
POLLOCK	-	-	102	5	-	-
POMPANO	859	1,075	182	44	-	-
QUILLBACK	-	-	-	-	49	
RATFISH	-	-	129	1	-	-
ROCK BASS	-	-	-	-	16	1
ROCKFISHES.	-	-	26,394	2,340	-	-
SABLEFISH	-	-	5,916	494	-	-
SALMON:						
CHINOOK OR KING	-	-	30,501	13,648	-	-
CHUM OR KETA.	-	-	56,423	7,992	-	-
PINK.	-	-	99,096	15,909	-	-
RED OR SOCKEYE.	-	-	105,913	31,017	-	-
SILVER OR COHO.	-	-	39,870	12,159	5	3
TOTAL SALMON.	-	-	331,803	80,725	5	3
SARDINE, PACIFIC.	-	-	298	69	-	-
SAUGER.	-	-	-	-	18	4
SAWFISH	(1)	(1)	-	-	-	-
SCULPIN	-	-	29	3	-	-
SCUP OR PORGY	89	13	-	-	-	-
SEA BASS:						
BLACK (ATLANTIC).	106	11	-	-	-	-
BLACK (PACIFIC)	-	-	117	27	-	-
WHITE	-	-	829	328	-	-
SEA CATFISH	300	20	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	5,100	1,408	-	-	-	-
WHITE	1,555	106	-	-	-	-
SHAD.	-	-	499	63	-	-
SHARKS:						
GRAYFISH.	-	-	126	7	-	-
SOUPFIN	-	-	(1)	(1)	-	-
UNCLASSIFIED.	17	1	421	64	-	-
TOTAL SHARKS.	17	1	547	71	-	-
SHEEFISH.	-	-	6	1	-	-
SHEEPSHEAD:						
FRESHWATER.	200	18	-	-	849	59
SALTWATER	1,001	70	9	1	-	-
SKATES.	-	-	111	2	-	-
SMELT	-	-	2,300	188	3,580	116
SNAPPERS:						
LANE.	16	4	-	-	-	-
MANGROVE.	469	131	-	-	-	-
MUTTON.	274	101	-	-	-	-
RED	8,460	4,008	-	-	-	-
VERMILION	126	53	-	-	-	-
YELLOWTAIL.	949	408	-	-	-	-
SPANISH SARDINES.	118	8	-	-	-	-
SPOT.	543	48	-	-	-	-
STEELHEAD TROUT	-	-	712	246	-	-
STRIPED BASS.	-	-	67	10	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1971 - Continued

SPECIES	GULF		PACIFIC		GREAT LAKES	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
STURGEON, COMMON	25	4	611	81	-	-
SUCKERS	-	-	-	-	1,807	54
SUNFISH	-	-	-	-	12	3
SWORDFISH	1	(1)	153	86	-	-
TENPOUNDER	1,004	37	-	-	-	-
TILEFISH	14	2	-	-	-	-
TRIGGERFISH	40	4	-	-	-	-
TRIPLETAIL	8	1	-	-	-	-
TULLIBEE	-	-	-	-	623	22
TUNA:						
ALBACORE	-	-	49,818	15,160	-	-
BLUEFIN	-	-	17,251	3,538	-	-
SKIPJACK	-	-	102,129	18,774	-	-
YELLOWFIN	-	-	156,669	32,663	-	-
TOTAL TUNA	-	-	325,867	70,135	-	-
TURBOT	-	-	27	2	-	-
WARSAW	166	21	-	-	-	-
WHITEBAIT	-	-	147	16	-	-
WHITE BASS	-	-	-	-	1,001	233
WHITE CROAKER	-	-	334	24	-	-
WHITEFISH:						
COMMON	-	-	50	17	3,751	1,824
MENOMINEE	-	-	-	-	203	41
WHITE PERCH	-	-	-	-	64	25
YELLOW PERCH	-	-	-	-	4,023	1,221
YELLOW PIKE	-	-	-	-	214	101
YELLOWTAIL	-	-	390	45	-	-
UNCLASSIFIED:						
FOR FOOD	1,279	120	376	113	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	96,243	1,829	991	24	-	-
TOTAL FISH	1,806,465	44,637	988,700	173,685	63,920	6,628
SHELLFISH ET AL.						
CRABS:						
BLUE:						
HARD	33,531	3,113	-	-	-	-
SOFT AND PEELER	127	126	-	-	-	-
DUNGENESS	-	-	41,614	10,497	-	-
KING	-	-	70,703	19,077	-	-
ROCK	-	-	539	69	-	-
SNOW	-	-	12,880	1,369	-	-
STONE	1,650	827	-	-	-	-
TOTAL CRABS	35,308	4,066	125,736	31,012	-	-
CRAWFISH, FRESHWATER	1,542	329	197	80	-	-
LOBSTERS, SPINY	5,293	4,581	224	309	-	-
SAND SHRIMP	-	-	8	8	-	-
SHRIMP	227,376	136,274	107,790	5,533	-	-
ABALONE	-	-	2,946	955	-	-
CLAMS:						
GEODUCK	-	-	153	67	-	-
HARD	4	2	464	256	-	-
HORSE	-	-	1	(1)	-	-
RAZOR	-	-	285	254	-	-
SOFT	-	-	(1)	(1)	-	-
SUNRAY VENUS	99	10	-	-	-	-
MIXED	-	-	7	3	-	-
TOTAL CLAMS	103	12	910	580	-	-
OCTOPUS	-	-	45	6	-	-
OYSTERS, MARKET:						
EASTERN:						
PUBLIC	10,054	4,675	-	-	-	-
PRIVATE	10,212	4,533	14	41	-	-
PACIFIC	-	-	8,048	4,503	-	-
WESTERN	-	-	52	214	-	-
TOTAL OYSTERS	20,266	9,208	8,114	4,758	-	-
SCALLOPS:						
BAY	48	39	-	-	-	-
SEA	-	-	931	990	-	-
TOTAL SCALLOPS	48	39	931	990	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1971 - Continued

SPECIES	GULF		PACIFIC		GREAT LAKES	
SHELLFISH ET AL. - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SQUID	50	8	31,521	761	-	-
SHELLFISH, UNCLASSIFIED	-	-	13	12	-	-
SEA URCHINS	-	-	2	(1)	-	-
TERRAPIN	1	(1)	-	-	-	-
TREPANG (SEA CUCUMBER)	-	-	8	1	-	-
TURTLES:						
GREEN, SEA	128	32	-	-	-	-
LOGGERHEAD	16	2	-	-	-	-
SNAPPER	8	2	-	-	-	-
TOTAL TURTLES	152	36	-	-	-	-
FROGS	5	3	-	-	-	-
KELP (WITH HERRING EGGS)	-	-	621	390	-	-
SPONGES	32	223	-	-	-	-
TOTAL SHELLFISH ET AL.	290,176	154,779	279,266	45,395	-	-
WHALE PRODUCTS						
MEAL	-	-	378	30	-	-
MEAT	-	-	347	35	-	-
OIL:						
SPERM	-	-	344	[illegible]	-	-
WHALE	-	-	74	5	-	-
TOTAL WHALE PRODUCTS	-	-	1,143	104	-	-
GRAND TOTAL	2,096,641	199,416	1,269,109	219,184	63,920	6,628

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	-	-	-	-	58,899	884
AMBERJACK	-	-	82	35	152	41
ANCHOVIES	-	-	-	-	89,906	1,104
ANGELFISH	-	-	-	-	10	(1)
ANGLERFISH	-	-	-	-	177	10
ARCTIC CHAR	-	-	-	-	29	5
BALLYHOO	-	-	-	-	293	57
BARRACUDA	-	-	9	5	28	11
BLUE PIKE	-	-	-	-	(1)	(1)
BLUEFISH	-	-	-	-	6,318	726
BLUE RUNNER	-	-	-	-	2,280	94
BONITO	-	-	-	-	20,467	1,858
BOWFIN	165	7	-	-	169	7
BUFFALOFISH	21,640	3,070	-	-	22,266	3,156
BURBOT	166	14	-	-	481	22
BUTTERFISH	-	-	-	-	3,512	609
CABEZONE	-	-	-	-	4	(1)
CABIO	-	-	-	-	126	9
CARP	18,060	687	-	-	26,153	1,080
CATFISH AND BULLHEADS	13,625	3,781	-	-	39,363	9,138
CHUBS	(1)	(1)	-	-	7,523	1,481
CIGARFISH	-	-	-	-	527	70
COD	-	-	-	-	60,295	6,933
CRAPPIE	31	9	-	-	100	32
CRAVALLE	-	-	61	35	800	60
CROAKER	-	-	-	-	11,539	1,384
CUSK	-	-	-	-	1,804	160
DOLLY VARDEN TROUT	-	-	-	-	1	(1)
DOLPHIN	-	-	91	74	151	84
DRUM:						
BLACK	-	-	-	-	2,085	185
RED	-	-	-	-	3,619	774
EELS:						
COMMON	2	(1)	-	-	2,485	599
CONGER	-	-	1	(1)	13	2
FLOUNDERS	-	-	-	-	155,946	22,613
FLYING FISH	-	-	-	-	160	24
FRIGATE MACKEREL	-	-	-	-	165	9
GARFISH	758	55	-	-	1,235	96
GIZZARD SHAD	821	26	-	-	888	27
GOATFISH	-	-	72	49	148	67
GOLDFISH	-	-	-	-	80	4
GROUPERS	-	-	-	-	7,634	1,502
GRUNTS	-	-	-	-	388	54

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1971 - Continued

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HADDOCK	-	-	-	-	21,559	5,603
HAKE:						
PACIFIC	-	-	-	-	10,679	116
RED	-	-	-	-	2,155	109
WHITE	-	-	-	-	5,818	353
HALFMOON	-	-	-	-	23	6
HALIBUT	-	-	-	-	28,396	6,718
HARVESTFISH	-	-	-	-	125	21
HERRING:						
LAKE	-	-	-	-	1,190	166
SEA	-	-	-	-	91,541	2,040
THREAD	-	-	-	-	11,105	201
HICKORY SHAD	-	-	-	-	87	5
HOGCHOKER	-	-	-	-	2	(1)
HOGFISH	-	-	-	-	23	5
JACK MACKEREL	-	-	-	-	59,883	2,416
JEWFISH	-	-	-	-	195	17
KING WHITING OR "KINGFISH"	-	-	-	-	3,735	385
LAKE TROUT	-	-	-	-	270	153
LAMPREY	-	-	-	-	3	1
LAUNCE	-	-	-	-	33	9
LINGCOD	-	-	-	-	6,070	499
MACKEREL:						
ATLANTIC	-	-	-	-	5,150	265
KING	-	-	-	-	5,668	1,296
PACIFIC	-	-	-	-	156	8
SPANISH	-	-	-	-	10,391	1,190
TOTAL MACKEREL	-	-	-	-	21,365	2,759
MARLIN	-	-	224	148	224	148
MENHADEN	-	-	-	-	2,196,029	35,310
MOJARRA	-	-	-	-	258	25
MOONEYE	347	98	-	-	347	98
MULLET	-	-	15	20	30,848	2,581
OCEAN PERCH:						
ATLANTIC	-	-	-	-	59,983	3,047
PACIFIC	-	-	-	-	9,846	655
OPALEYE	-	-	-	-	5	1
PADDLEFISH	579	68	-	-	580	68
PERCH	-	-	-	-	414	72
PERMIT	-	-	-	-	25	4
PIGFISH	-	-	-	-	298	23
PIKE OR PICKEREL	73	15	-	-	169	26
POLLOCK	-	-	-	-	10,981	834
POMPANO	-	-	-	-	1,168	1,277
QUILLBACK	326	24	-	-	375	26
RATFISH	-	-	-	-	129	1
ROCK BASS	-	-	-	-	16	4
ROCKFISHES	-	-	-	-	26,394	2,340
RUDDERFISH	-	-	5	2	5	2
SABLEFISH	-	-	-	-	5,916	494
SALMON:						
CHINOOK OR KING	-	-	-	-	30,501	13,648
CHUM OR KETA	-	-	-	-	56,423	7,992
PINK	-	-	-	-	99,096	15,909
RED OR SOCKEYE	507	279	-	-	106,420	31,296
SILVER OR COHO	-	-	-	-	39,875	12,162
TOTAL SALMON	507	279	-	-	332,315	81,007
SAND PERCH	-	-	-	-	6	(1)
SARDINE, PACIFIC	-	-	(1)	(1)	298	69
SAUGER	-	-	-	-	18	4
SAWFISH	-	-	-	-	(1)	(1)
SCULPIN	-	-	-	-	29	3
SCUP OR PORGY	-	-	-	-	9,229	2,146
SEA BASS:						
BLACK (ATLANTIC)	-	-	-	-	2,754	688
BLACK (PACIFIC)	-	-	49	36	166	63
WHITE	-	-	-	-	829	328
SEA CATFISH	-	-	-	-	319	21
SEA ROBIN	-	-	-	-	317	11
SEA TROUT OR WEAKFISH:						
GRAY	-	-	-	-	11,322	1,081
SPOTTED	-	-	-	-	6,017	1,698
WHITE	-	-	-	-	1,555	106
SHAD	805	25	-	-	5,734	798

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1971 - Continued

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SHARKS:						
GRAYFISH	-	-	-	-	286	20
SOUPFIN	-	-	-	-	(1)	(1)
UNCLASSIFIED	-	-	-	-	498	68
TOTAL SHARKS	-	-	-	-	784	88
SHEEFISH	-	-	-	-	6	1
SHEEPSHEAD:						
FRESHWATER	5,228	356	-	-	6,277	433
SALTWATER	-	-	-	-	1,234	97
SILVERSIDES	-	-	-	-	232	36
SKATES	-	-	-	-	297	14
SMELT	-	-	-	-	6,012	345
SNAPPERS:						
LANE	-	-	-	-	21	6
MANGROVE	-	-	-	-	552	169
MUTTON	-	-	-	-	455	215
RED	-	-	69	99	9,056	4,477
VERMILION	-	-	-	-	187	76
YELLOWTAIL	-	-	-	-	1,093	486
UNCLASSIFIED	-	-	133	104	140	108
SPADEFISH	-	-	-	-	4	(1)
SPANISH SARDINES	-	-	-	-	124	8
SPOT	-	-	1	(1)	6,444	841
STEELHEAD TROUT	-	-	-	-	712	246
STRIPED BASS	-	-	-	-	7,890	2,140
STURGEON:						
COMMON	-	-	-	-	843	120
SHOVELNOSE	58	17	-	-	58	17
SUCKERS	1,270	62	-	-	3,081	116
SUNFISH	-	-	-	-	19	4
SWELLFISH	-	-	-	-	746	38
SWORDFISH	-	-	2	1	233	160
TAUTOG	-	-	-	-	136	7
TENPOUNDER	-	-	2	1	1,006	38
TILEFISH	-	-	-	-	161	20
TRIGGERFISH	-	-	2	1	47	5
TRIPLETAIL	-	-	-	-	11	1
TULLIBEE	1	(1)	-	-	624	22
TUNA:						
ALBACORE	-	-	23	11	49,841	15,171
BLUEFIN	-	-	2/ 472	2/ 568	22,852	4,997
LITTLE	-	-	23	7	33	8
SKIPJACK	-	-	13,331	2,753	115,814	21,581
YELLOWFIN	-	-	827	517	157,496	33,180
UNCLASSIFIED	-	-	-	-	110	9
TOTAL TUNA	-	-	14,676	3,856	346,146	74,946
TURBOT	-	-	-	-	50	7
WAHOO	-	-	30	12	30	12
WARSAW	-	-	-	-	252	36
WHITEBAIT	-	-	-	-	147	16
WHITE BASS	29	4	-	-	1,030	237
WHITE CROAKER	-	-	-	-	334	24
WHITEFISH:						
COMMON	177	50	-	-	3,978	1,891
MENOMINEE	-	-	-	-	203	41
WHITE PERCH	-	-	-	-	2,696	424
WHITING	-	-	-	-	33,583	2,125
WOLFFISH	-	-	-	-	610	42
YELLOW BASS	7	1	-	-	7	1
YELLOW PERCH	194	70	-	-	4,329	1,304
YELLOW PIKE	489	286	-	-	703	387
YELLOWTAIL	-	-	-	-	390	45
UNCLASSIFIED:						
FOR FOOD	-	-	1,110	558	9,047	1,495
FOR BAIT, REDUCTION, AND ANIMAL FOOD	(1)	(1)	-	-	139,387	2,697
TOTAL FISH	65,358	9,004	16,634	5,036	4,096,401	307,676

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1971 - Continued

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
SHELLFISH ET AL.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CRABS:						
BLUE:						
HARD.	-	-	-	-	149,081	12,921
SOFT AND PEELER	-	-	-	-	2,421	1,212
DUNGENESS	-	-	-	-	41,614	10,497
GREEN	-	-	-	-	35	5
KING.	-	-	-	-	70,703	19,077
ROCK.	-	-	-	-	1,519	138
SNOW.	-	-	-	-	12,880	1,369
STONE	-	-	-	-	1,741	875
UNCLASSIFIED.	-	-	98	125	98	125
TOTAL CRABS	-	-	98	125	280,092	46,219
CRAWFISH, FRESHWATER. . . .	5,017	1,077	-	-	6,756	1,486
HORSESHOE CRABS	-	-	-	-	11	1
LIMPET.	-	-	3	13	3	13
LOBSTERS:						
AMERICAN.	-	-	-	-	33,688	35,594
SLIPPER	-	-	(1)	(1)	(1)	(1)
SPINY	-	-	6	8	8,941	7,830
SAND SHRIMP	-	-	-	-	8	8
SHRIMP.	2	1	2	3	390,907	167,383
ABALONE	-	-	-	-	2,946	955
CLAMS:						
GEODUCK	-	-	-	-	153	67
HARD.	-	-	-	-	16,666	16,918
HORSE	-	-	-	-	1	(1)
OCEAN QUAHOG.	-	-	-	-	2,032	345
RANGIA.	-	-	-	-	47	15
RAZOR	-	-	-	-	297	260
SOFT.	-	-	-	-	12,652	6,798
SUNRAY VENUS.	-	-	-	-	99	10
SURF.	-	-	-	-	52,535	6,890
MIXED	-	-	-	-	7	3
TOTAL CLAMS	-	-	-	-	84,489	31,306
CONCHS.	-	-	-	-	596	144
MUSSELS, SEA.	-	-	-	-	677	181
MUSSEL SHELLS	809	53	-	-	809	53
OCTOPUS	-	-	8	8	53	14
OYSTERS, MARKET:						
EASTERN:						
PUBLIC.	-	-	-	-	29,121	16,221
PRIVATE	-	-	-	-	20,717	13,090
PACIFIC	-	-	-	-	8,046	4,503
WESTERN	-	-	-	-	52	214
TOTAL OYSTERS	-	-	-	-	57,938	34,028
PERIWINKLES AND COCKLES . .	-	-	-	-	29	15
SCALLOPS:						
BAY	-	-	-	-	2,315	3,846
CALICO.	-	-	-	-	1,574	802
SEA	-	-	-	-	6,337	8,981
TOTAL SCALLOPS. . . .	-	-	-	-	10,226	13,629
SQUID	-	-	14	6	34,310	1,132
SHELLFISH, UNCLASSIFIED . .	-	-	-	-	13	12
SEA URCHINS	-	-	-	-	54	4
TERRAPIN.	-	-	-	-	9	3
TREPANG (SEA CUCUMBER). . .	-	-	(1)	1	8	2
TURTLES:						
BABY.	2	17	-	-	2	17
GREEN, SEA.	-	-	-	-	133	33
LOGGERHEAD.	-	-	-	-	27	5
SLIDER.	64	2	-	-	64	2
SNAPPER	167	36	-	-	400	82
SOFT-SHELL.	-	-	-	-	105	9
UNCLASSIFIED.	-	-	19	10	20	10
TOTAL TURTLES	233	55	19	10	751	158
FROGS	21	12	-	-	26	15
KELP (WITH HERRING EGGS). .	-	-	-	-	821	390
IRISH MOSS.	-	-	-	-	2,070	62
SEAWEED	-	-	89	28	89	28

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1971 - Continued

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
SHELLFISH ET AL. - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SPONGES	-	-	-	-	44	254
BLOODWORMS.	-	-	-	-	809	1,384
SANDWORMS	-	-	-	-	882	830
TOTAL SHELLFISH ET AL.	6,082	1,198	239	202	918,055	343,133
WHALE PRODUCTS						
MEAL.	-	-	-	-	378	30
MEAT.	-	-	-	-	347	35
OIL:						
SPERM	-	-	-	-	344	34
WHALE	-	-	-	-	74	5
TOTAL WHALE PRODUCTS.	-	-	-	-	1,143	104
GRAND TOTAL	71,440	10,202	16,873	5,238	5,017,999	650,913

1/ LESS THAN 500 POUNDS OR $500.

2/ INCLUDES DATA ON THE LANDINGS OF BIGEYE TUNA.

NOTE:--LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, MUSSELS, OYSTERS, AND PERIWINKLES AND COCKLES ARE REPORTED IN WEIGHT OF TOTAL MEATS; AND SCALLOPS, IN WEIGHT OF EDIBLE MEATS. ABALONE IN CALIFORNIA INCLUDES THE WEIGHT OF THE SHELLS.

LANDINGS OF CATCH BY GEAR, 1971

GEAR	NEW ENGLAND		MIDDLE ATLANTIC	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES	771	82	2,295	433
STOP NETS AND SEINES	7,114	199	-	-
PURSE SEINES	63,668	1,484	60,506	1,381
BAG NETS	47	12	-	-
OTTER TRAWLS	364,148	42,215	31,851	5,565
WEIRS	497	14	52	18
POUND NETS	1,342	180	4,535	347
FLOATING TRAPS	4,408	788	-	-
FYKE AND HOOP NETS	39	7	50	8
POTS AND TRAPS	28,149	27,957	4,511	2,479
GILL NETS	4,996	530	2,304	357
LINES	13,719	1,826	830	158
DIP NETS	2,005	68	-	-
PUSH NETS	-	-	1	(6)
HARPOONS	438	104	-	-
SPEARS	67	21	36	8
DREDGES	9,652	10,948	45,435	11,713
TONGS AND RAKES 5/	4,076	2,166	8,225	9,325
HOES AND FORKS	8,314	5,975	22	13
DIVING OUTFITS	41	51	-	-
BY HAND	30	18	911	615
TOTAL	513,521	94,645	161,564	32,420

GEAR	CHESAPEAKE		SOUTH ATLANTIC	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES	3,626	375	7,780	705
PURSE SEINES	375,683	6,206	105,086	1,549
BAG NETS	-	-	206	110
OTTER TRAWLS	6,587	1,271	51,421	23,646
POUND NETS	48,432	1,664	13,156	428
FYKE AND HOOP NETS	754	103	669	126
POTS AND TRAPS	53,489	4,807	43,988	7,314
GILL NETS	7,380	1,327	16,002	2,510
TRAMMEL NETS	-	-	239	109
LINES	11,937	1,290	16,209	3,580
DIP NETS	66	23	735	17
CAST NETS	-	-	10	1
SPEARS	-	-	20	8
SCRAPES	1,378	619	-	-
DREDGES	39,612	12,678	709	570
TONGS AND RAKES 5/	17,137	10,530	1,273	727
PICKS	690	515	-	-
HOOKS	-	-	12	31
DIVING OUTFITS	-	-	10	8
BY HAND	107	79	528	254
TOTAL	566,878	41,487	258,053	41,693

GEAR	GULF		PACIFIC	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES	1/ 12,674	1/ 1,081	1/ 2,937	1/ 491
PURSE SEINES	1,615,942	26,039	596,642	82,958
BUTTERFLY NETS	3,273	986	-	-
BEAM TRAWLS	-	-	999	92
OTTER TRAWLS	334,951	139,187	209,889	13,386
WEIRS	-	-	8	2
POUND NETS	-	-	292	72
FLOATING TRAPS	-	-	1,308	26
FYKE AND HOOP NETS	2,040	481	-	-
POTS AND TRAPS	38,788	8,648	130,701	32,702
GILL NETS	32,851	3,893	135,693	34,061
TRAMMEL NETS	10,316	2,113	(2)	(2)
LINES	25,116	7,372	162,053	46,516
DIP NETS	37	30	3/11,676	3/ 330
REEF NETS	-	-	1,850	666
WHEELS	-	-	37	11
CAST NETS	17	1	-	-
HARPOONS	-	-	1,289	186
SPEARS	121	37	-	-
DREDGES	16,340	7,414	4/ 8,752	4/ 5,391
TONGS AND RAKES 5/	4,045	1,833	4/ 444	4/ 415
SHOVELS	-	-	604	454
BRUSH TRAPS	62	63	-	-
GRABS	5	3	-	-
HOOKS	10	31	-	-
DIVING OUTFITS	23	192	3,104	1,022
BY HAND	30	12	831	403
TOTAL	2,096,641	199,416	1,269,109	219,184

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LANDINGS OF CATCH BY GEAR, 1971 - Continued

GEAR	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES	7,023	512	15,951	903
OTTER TRAWLS	16,041	176	999	34
WEIRS	-	-	969	36
POUND NETS	18,184	483	8	(6)
TRAP NETS	4,400	1,277	637	31
FYKE AND HOOP NETS	417	69	15,532	2,349
POTS AND TRAPS	-	-	6,062	1,226
SLAT TRAPS	-	-	44	12
GILL NETS	17,618	4,023	12,853	2,139
TRAMMEL NETS	-	-	9,438	1,371
LINES	237	88	6,504	1,970
ELECTRICAL DEVICES	-	-	(6)	(6)
DIP NETS	-	-	1,620	71
CROWFOOT BARS	-	-	400	22
GRABS	-	-	15	8
DIVING OUTFITS	-	-	308	25
BY HAND	-	-	100	5
TOTAL	63,920	6,628	71,440	10,202

GEAR	HAWAII		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES	9	5	53,066	4,587
STOP NETS AND SEINES	-	-	7,114	199
PURSE SEINES	-	-	2,817,527	119,617
BAG NETS	538	224	791	346
BUTTERFLY NETS	-	-	3,273	986
BEAM TRAWLS	-	-	999	92
OTTER TRAWLS	-	-	1,015,887	225,480
WEIRS	-	-	1,526	70
POUND NETS	-	-	85,949	3,174
TRAP NETS	-	-	5,037	1,308
FLOATING TRAPS	-	-	5,716	814
FYKE AND HOOP NETS	-	-	19,501	3,143
POTS AND TRAPS	114	91	305,802	85,224
SLAT TRAPS	-	-	44	12
GILL NETS	137	81	229,834	48,921
TRAMMEL NETS	-	-	19,993	3,593
LINES	15,760	4,626	252,365	67,426
ELECTRICAL DEVICES	-	-	(6)	(6)
DIP NETS	-	-	16,139	539
LIFT NETS	160	128	160	128
REEF NETS	-	-	1,850	666
PUSH NETS	-	-	1	(6)
WHEELS	-	-	37	11
CAST NETS	6	4	33	6
HARPOONS	-	-	1,727	290
SPEARS	7	7	251	81
SCRAPES	-	-	1,378	619
DREDGES	-	-	120,500	48,714
TONGS AND RAKES 5/	-	-	35,200	24,996
HOES AND FORKS	-	-	8,336	5,988
SHOVELS	-	-	604	454
PICKS	-	-	690	515
BRUSH TRAPS	-	-	62	63
CROWFOOT BARS	-	-	400	22
GRABS	-	-	20	11
HOOKS	-	-	22	62
DIVING OUTFITS	-	-	3,486	1,298
BY HAND	3	14	2,540	1,400
UNCLASSIFIED GEAR	139	58	139	58
TOTAL	16,873	5,238	5,017,999	650,913

1/ LANDINGS BY HAUL SEINES IN ALASKA AND BY LAMPARA NETS IN CALIFORNIA AND FLORIDA, WEST COAST HAVE BEEN INCLUDED WITH PURSE SEINES.

2/ LANDINGS BY TRAMMEL NETS IN CALIFORNIA HAVE BEEN INCLUDED WITH GILL NETS.

3/ LANDINGS BY BRAIL OR SCOOP NETS IN CALIFORNIA HAVE BEEN INCLUDED WITH DIP NETS.

4/ LANDINGS BY HAND IN WASHINGTON AND OREGON HAVE BEEN INCLUDED WITH LANDINGS BY DREDGES. IN CALIFORNIA THIS CATCH HAS BEEN INCLUDED WITH TONGS.

5/ INCLUDES LANDING BY OYSTER GRABS.

6/ LESS THAN 500 POUNDS OR $500.

GENERAL REVIEW

LANDINGS FROM WATERS OFF THE UNITED STATES [1] AND ON THE HIGH SEAS OFF FOREIGN COASTS, 1971

AREA AND SPECIES	WATERS OFF U.S. COASTS	HIGH SEAS OFF FOREIGN COASTS	TOTAL
ATLANTIC AND GULF STATES:	THOUSAND POUNDS		
NEW ENGLAND:			
COD	52,840	783	53,623
CUSK	1,735	69	1,804
FLOUNDERS	90,226	388	90,614
HADDOCK	18,716	2,827	21,543
HAKE:			
RED	1,129	1	1,130
WHITE	5,606	159	5,765
HALIBUT	221	25	246
OCEAN PERCH	36,949	23,034	59,983
POLLOCK	10,422	451	10,873
WHITING	28,189	2	28,191
WOLFFISH	450	160	610
UNCLASSIFIED	239,098	41	239,139
TOTAL	485,581	27,940	513,521
MIDDLE ATLANTIC, UNCLASSIFIED, TOTAL	161,564	-	161,564
CHESAPEAKE, UNCLASSIFIED, TOTAL	566,878	-	566,878
SOUTH ATLANTIC:			
GROUPERS	684	45	729
SNAPPER, RED	492	35	527
LOBSTERS, SPINY	562	2,856	3,418
UNCLASSIFIED	253,379	-	253,379
TOTAL	255,117	2,936	258,053
GULF:			
FLOUNDERS	2,194	7	2,201
GROUPERS	6,569	336	6,905
SNAPPER, RED	7,019	1,441	8,460
WARSAW	145	21	166
LOBSTERS, SPINY	4,110	1,183	5,293
SHRIMP	211,877	15,499	227,376
UNCLASSIFIED	1,846,235	5	1,846,240
TOTAL	2,078,149	18,492	2,096,641
TOTAL ATLANTIC AND GULF STATES	3,547,289	49,368	3,596,657
PACIFIC COAST STATES:			
ALASKA, WASHINGTON, AND OREGON:			
BOTTOMFISH (WASHINGTON AND OREGON) [2]	44,655	11,081	55,736
HALIBUT	27,102	1,048	28,150
SALMON	323,590	96	323,686
TUNA:			
SKIPJACK	1	750	751
YELLOWFIN	2	3,920	3,922
UNCLASSIFIED	273,430	-	273,430
TOTAL	668,780	16,895	685,675
CALIFORNIA:			
BONITO	10,476	9,793	20,269
LINGCOD	2,097	1	2,098
ROCKFISHES	11,148	152	11,300
SEA BASS:			
BLACK	10	107	117
WHITE	552	272	824
SHARKS	392	29	421
SWORDFISH	152	1	153
TUNA:			
ALBACORE	28,968	7,149	36,117
BLUEFIN	471	16,780	17,251
SKIPJACK	5	101,373	101,378
YELLOWFIN	145	152,602	152,747
TOTAL	29,589	277,904	307,493
YELLOWTAIL	31	359	390
WHITEFISH	2	2	4
UNCLASSIFIED	240,362	3	240,365
TOTAL	294,811	288,623	583,434
TOTAL, PACIFIC COAST STATES	963,591	305,518	1,269,109
GREAT LAKES AND MISSISSIPPI RIVER STATES, UNCLASSIFIED, TOTAL	135,360	-	135,360
HAWAII, UNCLASSIFIED, TOTAL	16,873	-	16,873
GRAND TOTAL	4,663,113	354,886	5,017,999

[1] DOES NOT INCLUDE LANDINGS BY U.S. FLAG VESSELS AT PUERTO RICO, AMERICAN SAMOA, OR OTHER PORTS OUTSIDE CONTINENTAL UNITED STATES AND HAWAII. [2] PRINCIPALLY COD, FLOUNDERS (INCLUDING SOLE), LINGCOD, OCEAN PERCH, ROCKFISHES, AND SABLEFISH.

LANDINGS USED FOR HUMAN FOOD AND INDUSTRIAL PRODUCTS, 1971

ITEM	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
FOR HUMAN FOOD, TOTAL . . .	432,705	90,946	98,024	31,106	153,711	34,482
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	536	24	150	3	-	-
BAIT, FRESH AND FROZEN. .	18,594	2,627	4,906	335	17,102	550
CANNED ANIMAL FOOD. . . .	6,579	157	-	-	4,442	98
REDUCTION TO MEAL, OIL, AND SOLUBLES	53,037	829	58,484	976	391,623	6,357
OTHER	2,070	62	-	-	-	-
TOTAL	80,816	3,699	63,540	1,314	413,167	7,005
GRAND TOTAL	513,521	94,645	161,564	32,420	566,878	41,487

ITEM	SOUTH ATLANTIC		GULF		PACIFIC 1/	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
FOR HUMAN FOOD, TOTAL . . .	145,858	39,882	381,304	170,910	1,132,544	221,118
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	100	(2)	6,774	119	7,344	266
BAIT, FRESH AND FROZEN. .	4,612	256	11,543	601	22,639	884
CANNED ANIMAL FOOD. . . .	-	-	79,919	1,549	26,986	1,042
REDUCTION TO MEAL, OIL, AND SOLUBLES	107,471	1,524	1,617,069	26,014	96,469	1,112
OTHER	12	31	32	223	-	-
TOTAL	112,195	1,811	1,715,337	28,506	153,438	3,304
GRAND TOTAL	258,053	41,693	2,096,641	199,416	1,285,982	224,422

ITEM	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
FOR HUMAN FOOD, TOTAL . . .	32,397	6,282	64,376	8,886	2,440,919	603,612
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	3,077	47	2	(2)	17,983	459
BAIT, FRESH AND FROZEN. .	-	-	1,260	1,185	80,656	6,438
CANNED ANIMAL FOOD. . . .	16,896	180	123	3	134,945	3,029
REDUCTION TO MEAL, OIL, AND SOLUBLES	11,550	119	5,178	91	2,340,881	37,022
OTHER	-	-	501	37	2,615	353
TOTAL	31,523	346	7,064	1,316	2,577,080	47,301
GRAND TOTAL	63,920	6,628	71,440	10,202	5,017,999	650,913

1/ INCLUDES HAWAII.

2/ LESS THAN $500.

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY REGIONS, 1971

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC 1/	GREAT LAKES	MISSIS-SIPPI RIVER	TOTAL
FISH	THOUSAND POUNDS								
ALEWIVES. . .	2,379	-	5,081	3,526	420	-	29,654	-	41,060
ANCHOVIES . .	-	-	-	-	-	85,688	-	-	85,688
ANGLERFISH. .	1,431	-	-	-	-	-	-	-	1,431
BALLYHOO. . .	-	-	-	209	84	-	-	-	293
BLUE RUNNER .	-	-	-	36	1,349	-	-	-	1,385
BUTTERFISH. .	536	241	-	146	-	-	-	-	923
CARP.	-	-	-	-	-	175	-	5,301	5,476
CHUBS	-	-	-	-	-	-	57	-	57
CIGARFISH . .	-	-	-	-	527	-	-	-	527
COD	-	-	-	-	-	7	-	-	7
CREVALLE. . .	-	-	-	39	469	-	-	-	508
CROAKER . . .	-	-	-	790	52,490	-	-	-	53,280
DRUM, BLACK .	-	-	-	-	20	-	-	-	20
EEL, COMMON .	-	-	188	-	-	-	-	-	188
FLOUNDERS . .	1,645	-	-	7	-	3,086	-	-	4,738
GIZZARD SHAD.	-	-	51	-	-	-	-	-	51
HAKE:									
PACIFIC . .	-	-	-	-	-	10,589	-	-	10,589
RED	8,641	-	-	-	-	-	-	-	8,641
HERRING:									
SEA:									
ATLANTIC.	13,886	84	2,451	-	-	-	-	-	16,421
PACIFIC .	-	-	-	-	-	10,806	-	-	10,806
THREAD. . .	-	-	-	6,463	4,642	-	-	-	11,105
HICKORY SHAD.	-	-	5	-	-	-	-	-	5
HOGCHOKER . .	-	-	2	-	-	-	-	-	2
JACK MACKEREL	-	-	-	-	-	24,911	-	-	24,911
LAUNCE. . . .	21	-	-	-	-	-	-	-	21
MACKEREL, ATLANTIC . .	500	205	-	-	-	-	-	-	705
MENHADEN. . .	26,251	61,562	400,103	99,289	1,609,182	-	-	-	2,196,387
MINNOWS . . .	-	-	-	-	-	-	-	455	455
MULLET. . . .	-	-	-	121	3,849	-	-	-	3,970
OCEAN PERCH:									
ATLANTIC. .	1,710	-	-	-	-	-	-	-	1,710
PACIFIC . .	-	-	-	-	-	30	-	-	30
OCEAN POUT. .	3,916	-	-	-	-	-	-	-	3,916
PERCH	-	-	-	-	-	30	-	-	30
POLLOCK . . .	50	-	-	-	-	1	-	-	51
RATFISH . . .	-	-	-	-	-	34	-	-	34
ROCKFISHES. .	-	-	-	-	-	440	-	-	440
SABLEFISH . .	-	-	-	-	-	509	-	-	509
SARDINES, PACIFIC. . .	-	-	-	-	-	250	-	-	250
SCUP OR PORGY	-	-	-	91	-	-	-	-	91
SEA ROBIN . .	2,616	142	-	-	-	-	-	-	2,758
SEA TROUT OR WEAKFISH:									
GRAY. . . .	-	-	-	21	-	-	-	-	21
WHITE . . .	-	-	-	-	8,100	-	-	-	8,100
SHAD.	-	-	350	-	-	-	-	805	1,155
SHARKS, UN-CLASSIFIED .	-	-	-	-	16	27	-	-	43
SILVERSIDES .	-	122	-	-	-	-	-	-	122
SKATES. . . .	5,280	-	-	-	-	23	-	-	5,303
SMELT	-	-	-	-	-	20	1	-	21
SPANISH SAR-DINES. . . .	-	-	-	6	118	-	-	-	124
SPOT.	-	-	-	325	8,100	-	-	-	8,425
SUCKERS . . .	-	-	-	-	-	-	1,188	-	1,188
TENPOUNDER. .	-	-	-	-	1,004	-	-	-	1,004
TULLIBEE. . .	-	-	-	-	-	-	623	2	625
TUNA:									
BLUEFIN . .	200	-	-	-	-	-	-	-	200
SKIPJACK. .	-	-	-	-	-	85	-	-	85
WHITING . . .	3,629	-	-	24	-	-	-	-	3,653
UNCLASSIFIED.	3,750	150	4,466	840	24,407	1,811	-	-	35,424
TOTAL FISH. .	76,441	62,506	412,697	111,933	1,714,777	138,522	31,523	6,563	2,554,962

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY REGIONS, 1971 - Continued

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC 1/	GREAT LAKES	MISSIS-SIPPI RIVER	TOTAL
SHELLFISH ET AL.					THOUSAND POUNDS				
CRABS:									
BLUE, SOFT AND PEELER	-	-	464	-	-	-	-	-	464
GREEN . . .	35	-	-	-	-	-	-	-	35
HORSESHOE CRABS. . . .	7	-	-	-	-	-	-	-	7
SHRIMP. . . .	-	-	-	250	510	128	-	-	888
CLAMS (MEAT):									
RAZOR . . .	2	-	-	-	-	-	-	-	2
SURF. . . .	-	920	1	-	-	-	-	-	921
UNCLASSIFIED	-	-	-	-	-	99	-	-	99
MUSSEL SHELLS, FRESH-WATER.	-	-	-	-	-	-	-	500	500
SQUID	170	114	5	-	18	13,546	-	-	13,853
TURTLES, BABY	-	-	-	-	-	-	-	1	1
IRISH MOSS. .	2,070	-	-	-	-	-	-	-	2,070
SPONGES . . .	-	-	-	12	32	-	-	-	44
BLOODWORMS. .	809	-	-	-	-	-	-	-	809
SANDWORMS . .	1,282	-	-	-	-	-	-	-	1,282
TOTAL SHELL-FISH ET AL..	4,375	1,034	470	262	560	13,773	-	501	20,975
WHALE PRO-DUCTS. . . .	-	-	-	-	-	1,143	-	-	1,143
GRAND TOTAL .	80,816	63,540	413,167	112,195	1,715,337	153,438	31,523	7,064	2,577,080

1/ INCLUDES HAWAII.

NOTE:--PARTLY ESTIMATED.

FISH MEAL
OIL

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY COMMODITY, 1971

SPECIES	ANIMAL FOOD, FRESH AND FROZEN	BAIT, FRESH AND FROZEN	CANNED ANIMAL FOOD	FOR REDUCTION	OTHER	TOTAL
FISH	THOUSAND POUNDS					
ALEWIVES	2,396	7,299	18,265	13,100	-	41,060
ANCHOVIES	-	582	400	84,706	-	85,688
ANGLERFISH	-	-	-	1,431	-	1,431
BALLYHOO	-	293	-	-	-	293
BLUE RUNNER	-	1,385	-	-	-	1,385
BUTTERFISH	8	281	-	634	-	923
CARP	175	-	123	5,178	-	5,476
CHUBS	57	-	-	-	-	57
CIGARFISH	-	527	-	-	-	527
COD	-	-	-	7	-	7
CREVALLE	-	508	-	-	-	508
CROAKER	6,817	647	45,290	526	-	53,280
DRUM, BLACK	-	20	-	-	-	20
EEL, COMMON	-	188	-	-	-	188
FLOUNDERS	2,786	1,407	300	245	-	4,738
GIZZARD SHAD	-	51	-	-	-	51
HAKE:						
PACIFIC	2,893	-	80	7,616	-	10,589
RED	-	3,676	-	4,965	-	8,641
HERRING:						
SEA:						
ATLANTIC	-	4,370	3,266	8,785	-	16,421
PACIFIC	-	7,889	-	2,917	-	10,806
THREAD	-	936	-	10,169	-	11,105
HICKORY SHAD	-	5	-	-	-	5
HOGCHOKER	-	2	-	-	-	2
JACK MACKEREL	-	115	24,731	65	-	24,911
LAUNCE	-	21	-	-	-	21
MACKEREL, ATLANTIC	-	505	-	200	-	705
MENHADEN	-	15,090	1,885	2,179,412	-	2,196,387
MINNOWS	-	455	-	-	-	455
MULLET	-	844	-	3,126	-	3,970
OCEAN PERCH:						
ATLANTIC	-	12	-	1,698	-	1,710
PACIFIC	-	-	-	30	-	30
OCEAN POUT	-	30	846	3,040	-	3,916
PERCH	20	-	10	-	-	30
POLLOCK	51	-	-	-	-	51
RATFISH	12	-	-	22	-	34
ROCKFISHES	140	-	300	-	-	440
SABLEFISH	509	-	-	-	-	509
SARDINES, PACIFIC	-	250	-	-	-	250
SCUP OR PORGY	5	25	-	61	-	91
SEA ROBIN	161	1,166	-	1,431	-	2,758
SEA TROUT OR WEAKFISH:						
GRAY	3	18	-	-	-	21
WHITE	-	600	7,500	-	-	8,100
SHAD	-	1,155	-	-	-	1,155
SHARKS, UNCLASSIFIED	-	16	-	27	-	43
SILVERSIDES	-	122	-	-	-	122
SKATES	23	3,650	-	1,630	-	5,303
SMELT	1	-	20	-	-	21
SPANISH SARDINES	-	124	-	-	-	124
SPOT	18	699	7,500	208	-	8,425
SUCKERS	-	-	1,188	-	-	1,188
TENPOUNDER	-	1,004	-	-	-	1,004
TULLIBEE	625	-	-	-	-	625
TUNA:						
BLUEFIN	-	-	200	-	-	200
SKIPJACK	-	-	85	-	-	85
WHITING	178	24	-	3,451	-	3,653
UNCLASSIFIED	758	6,325	22,936	5,405	-	35,424
TOTAL FISH	17,636	62,316	134,925	2,340,085	-	2,554,962

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY COMMODITY, 1971 - Continued

SPECIES	ANIMAL FOOD, FRESH AND FROZEN	BAIT, FRESH AND FROZEN	CANNED ANIMAL FOOD	FOR REDUCTION	OTHER	TOTAL
SHELLFISH ET AL.	- - - - - - - - - - - - - - - - - THOUSAND POUNDS - - - - - - - - - - - - - - - - -					
CRABS:						
BLUE, SOFT AND PEELER . .	-	464	-	-	-	464
GREEN	-	35	-	-	-	35
HORSESHOE CRABS	-	7	-	-	-	7
SHRIMP.	-	868	20	-	-	888
CLAMS: (MEATS)						
RAZOR	-	2	-	-	-	2
SURF.	-	921	-	-	-	921
UNCLASSIFIED.	-	99	-	-	-	99
MUSSEL SHELLS, FRESH-WATER.	-	-	-	-	500	500
SQUID	-	13,853	-	-	-	13,853
TURTLES, BABY	-	-	-	-	1	1
IRISH MOSS.	-	-	-	-	2,070	2,070
SPONGES	-	-	-	-	44	44
BLOODWORMS.	-	809	-	-	-	809
SANDWORMS	-	1,282	-	-	-	1,282
TOTAL SHELLFISH ET AL.	-	18,340	20	-	2,615	20,975
WHALE PRODUCTS.	347	-	-	796	-	1,143
GRAND TOTAL	17,983	80,656	134,945	2,340,881	2,615	2,577,080

NOTE:--PARTLY ESTIMATED. LANDINGS OF ANGLERFISH, CROAKER, RED HAKE, MENHADEN, MINNOWS, OCEAN POUT, SEA ROBIN, WHITE SEA TROUT, SKATES, TULLIBEE, AND SANDWORMS AS SHOWN IN THESE TABLES EXCEEDS THE TABULATION ON LANDINGS BY REGION, PAGE 16. IN THAT TABLE THE EXTRA AMOUNTS ARE INCLUDED WITH UNCLASSIFIED FISH FOR BAIT, REDUCTION, AND ANIMAL FOOD.

MONTHLY LANDINGS AND UTILIZATION OF FISH AND SHELLFISH, 1971

MONTH	LANDINGS FOR HUMAN FOOD		LANDINGS FOR INDUSTRIAL PRODUCTS 1/		TOTAL	
	MILLION POUNDS	PERCENT	MILLION POUNDS	PERCENT	MILLION POUNDS	PERCENT
JANUARY	112	4.6	40	1.6	152	3.0
FEBRUARY.	131	5.4	19	.7	150	3.0
MARCH	147	6.0	33	1.3	180	3.6
APRIL	170	7.0	115	4.5	285	5.7
MAY	194	7.9	296	11.5	490	9.7
JUNE.	267	10.9	550	21.3	817	16.3
JULY.	365	15.0	475	18.4	840	16.7
AUGUST.	343	14.0	473	18.4	816	16.3
SEPTEMBER	234	9.6	261	10.1	495	9.9
OCTOBER	192	7.9	169	6.6	361	7.2
NOVEMBER.	158	6.5	109	4.2	267	5.3
DECEMBER.	128	5.2	37	1.4	165	3.3
TOTAL	2,441	100.0	2,577	100.0	5,018	100.0

1/ USED FOR MEAL, OIL SOLUBLES, BAIT, ANIMAL FOOD AND OTHER NONHUMAN FOOD PRODUCTS.

RELATIVE VOLUME OF THE LANDINGS, BY SPECIES, 1971

SPECIES	QUANTITY	PERCENT OF TOTAL	RECORD LANDINGS AND YEAR	
	THOUSAND POUNDS	PERCENT	YEAR	THOUSAND POUNDS
MENHADEN	2,196,029	43.8	1962	2,347,944
SHRIMP	390,907	7.8	1971	390,907
TUNA	346,146	6.9	1950	403,372
SALMON	332,315	6.6	1936	643,700
CRABS	280,092	5.6	1966	372,425
FLOUNDERS	155,946	3.1	1965	180,121
INDUSTRIAL FISH 1/	139,387	2.8	1965	265,438
HERRING, SEA:				
ATLANTIC	77,369	1.5	1902	200,598
PACIFIC	14,172	.3	1937	263,200
TOTAL HERRING	91,541	1.8	-	-
ANCHOVIES	89,906	1.8	1970	192,939
CLAMS	84,489	1.7	1970	99,204
COD:				
ATLANTIC	54,203	1.1	1880	294,351
PACIFIC	6,092	.1	1915	32,681
TOTAL COD	60,295	1.2	-	-
OCEAN PERCH, ATLANTIC	59,983	1.2	1951	258,320
JACK MACKEREL	59,382	1.2	1952	146,522
ALEWIVES	58,899	1.2	1967	101,127
OYSTERS	57,938	1.2	2/ 1908	152,046
CATFISH AND BULLHEADS	39,363	.8	1971	39,363
SQUID	34,310	.7	1946	40,266
LOBSTERS, AMERICAN	33,688	.7	1970	34,152
WHITING	32,583	.7	1957	133,041
MULLET	30,842	.6	1902	43,385
HALIBUT, PACIFIC	26,150	.5	1915	66,696
ROCKFISHES	25,394	.5	1945	57,686
CARP	24,153	.5	1908	43,659
BUFFALOFISH	22,266	.4	1950	25,873
HADDOCK	21,559	.4	1929	293,809
MACKERELS	21,365	.4	(3)	(3)
BONITO	20,417	.4	1967	21,268
CROAKER	11,539	.2	1945	64,668
SEA TROUT OR WEAKFISH, GRAY	11,322	.2	1945	41,420
HERRING, THREAD	11,105	.2	1967	18,963
POLLOCK	10,981	.2	1938	40,694
HAKE, PACIFIC	10,479	.2	1967	28,818
OCEAN PERCH, PACIFIC	9,846	.2	1965	28,352
SCUP OR PORGY	9,229	.2	1960	49,229
SNAPPER, RED	9,056	.2	1902	23,457
LOBSTERS, SPINY	8,941	.2	1970	10,345
STRIPED BASS	7,890	.2	1969	12,437
GROUPERS	7,634	.2	1965	9,570
CHUBS	7,523	.1	1960	16,854
CRAWFISH, FRESHWATER	6,756	.1	1965	8,779
SPOT	6,444	.1	1952	15,863
SCALLOPS, SEA	6,337	.1	1961	27,461
BLUEFISH	6,318	.1	4/ 1,897	22,673
SHEEPSHEAD, FRESHWATER	6,277	.1	1959	13,644
LINGCOD	6,070	.1	1944	14,262
SEA TROUT OR WEAKFISH, SPOTTED	6,017	.1	1936	8,800
SMELT	6,012	.1	1958	13,303
SABLEFISH	5,916	.1	1945	17,750
HAKE, WHITE	5,818	.1	1898	39,824
SHAD	5,734	.1	1890	43,000
YELLOW PERCH	4,329	.1	1934	16,282
WHITEFISH, COMMON	3,978	.1	1971	3,978
KING WHITING OR "KINGFISH"	3,735	.1	1968	5,708
ALL OTHER	80,611	1.6	-	-
TOTAL	5,017,999	100.0	-	-

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

2/ FIRST YEAR IN WHICH AN OYSTER SURVEY WAS MADE IN ALL REGIONS.

3/ DATA NOT AVAILABLE.

4/ INCLUDES DATA ON NEW ENGLAND LANDINGS IN 1898.

RELATIVE VALUE OF THE LANDINGS, BY SPECIES, 1971

SPECIES	VALUE	PERCENT OF TOTAL	RECORD VALUE AND YEAR	
	THOUSAND DOLLARS	PERCENT	YEAR	THOUSAND DOLLARS
SHRIMP	167,383	25.7	1971	167,383
SALMON	81,007	12.4	1970	99,037
TUNA	74,946	11.5	1970	74,963
CRABS	46,219	7.1	1971	46,219
LOBSTERS, AMERICAN	35,594	5.5	1971	35,594
MENHADEN	35,310	5.4	1971	35,310
OYSTERS	34,028	5.2	1971	34,028
CLAMS	31,306	4.8	1971	31,306
FLOUNDERS	22,613	3.5	1970	23,075
CATFISH AND BULLHEADS	9,138	1.4	1971	9,138
SCALLOPS, SEA	8,981	1.4	1968	14,976
LOBSTERS, SPINY	7,830	1.2	1971	7,830
COD:				
ATLANTIC	6,518	1.0	1971	6,518
PACIFIC	415	.1	1959	664
TOTAL COD	6,933	1.1	-	-
HALIBUT, PACIFIC	6,559	1.0	1962	11,576
HADDOCK	5,603	1.0	1966	13,943
SNAPPER, RED	4,477	.7	1971	4,477
SCALLOPS, BAY	3,846	.6	1971	3,846
BUFFALOFISH	3,156	.5	1952	3,564
OCEAN PERCH, ATLANTIC	3,047	.5	1951	12,597
MACKERELS	2,759	.4	(1)	(1)
INDUSTRIAL FISH 2/	2,697	.4	1967	3,136
MULLET	2,581	.4	1945	4,647
JACK MACKEREL	2,416	.4	1945	2,648
ROCKFISHES	2,340	.4	1952	4,755
SCUP OR PORGY	2,146	.3	1966	3,326
STRIPED BASS	2,140	.3	1970	2,529
WHITING	2,125	.3	1970	3,889
HERRING, SEA:				
ATLANTIC	1,516	.2	1948	3,798
PACIFIC	524	.1	1947	2,152
TOTAL HERRING, SEA	2,040	.3	-	-
WHITEFISH, COMMON	1,891	.3	1948	3,784
BONITO	1,858	.3	1971	1,858
SEA TROUT OR WEAKFISH, SPOTTED	1,698	.3	1952	1,781
GROUPERS	1,502	.2	1969	1,612
CHUBS	1,481	.2	1958	2,564
CRAWFISH, FRESHWATER	1,486	.2	1969	1,571
BLOODWORMS	1,384	.2	1971	1,384
CROAKER	1,384	.2	1945	6,958
YELLOW PERCH	1,304	.2	1958	1,540
POMPANO	1,277	.2	1970	1,344
SQUID	1,132	.2	1947	1,370
ANCHOVIES	1,104	.2	1970	2,173
SEA TROUT OR WEAKFISH, GRAY	1,081	.2	1945	4,246
CARP	1,080	.2	1951	2,007
ABALONE	955	.2	1969	1,161
ALEWIVES	884	.1	1967	1,551
SPOT	841	.1	1970	1,064
POLLOCK	834	.1	1945	1,819
SANDWORMS	830	.1	1971	830
SCALLOPS, CALICO	802	.1	1971	802
SHAD	798	.1	1945	2,680
DRUM, RED	774	.1	1945	728
BLUEFISH	726	.1	1951	760
SEA BASS, BLACK (ATLANTIC)	698	.1	1952	5,206
OCEAN PERCH, PACIFIC	655	.1	1965	1,[illegible]4
ALL OTHER	13,244	2.0	-	-
TOTAL	650,913	100.0	-	-

1/ DATA NOT AVAILABLE.

2/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

SEED OYSTER FISHERY, 1971

ITEM	NEW ENGLAND, CONNECTICUT		CHESAPEAKE, VIRGINIA		TOTAL	
OPERATING UNITS	NUMBER					
FISHERMEN:						
ON VESSELS	-		264		264	
ON BOATS AND SHORE:						
REGULAR	15		177		192	
CASUAL	-		108		108	
TOTAL	15		549		564	
VESSELS, MOTOR	-		124		124	
GROSS TONNAGE	-		9,548		9,548	
BOATS, MOTOR	15		222		237	
GEAR:						
DREDGES, COMMON	15		-		15	
TONGS	-		549		549	
LANDINGS	U.S. BUSHELS	DOLLARS	U.S. BUSHELS	DOLLARS	U.S. BUSHELS	DOLLARS
OYSTER, SEED:						
PUBLIC:						
SPRING	7,064	21,330	472,581	563,240	479,645	584,570
FALL	8,293	25,039	194,600	341,817	202,893	366,856
PRIVATE, SPRING	-	-	103,804	155,706	103,804	155,706
TOTAL	15,357	46,369	770,985	1,060,763	786,342	1,107,132

NOTE:--SOME OF THE FISHERMEN ENGAGED IN HARVESTING SEED OYSTERS ALSO FISHED FOR MARKET OYSTERS OR OTHER SPECIES.

U.S. LANDINGS, 1971 - LIVE WEIGHT BASIS

In the annual digest it has been the practice of NMFS to show the landings of univalve and bivalve mollusks on the basis of the weight of meats. Insofar as possible, all other fish and shellfish items are shown on a live weight basis.

Since world fishery statistics published by the Food and Agriculture Organization of the United Nations represent the live weight of landings of all items of fish and shellfish, it has been necessary to provide that organization with information on domestic landings of all species on a live weight basis. Data released by the Food and Agriculture Organization, therefore, indicate that U.S. landings in 1971 were 1.2 billion pounds greater than the figure appearing in NMFS publications. The increase is due to the inclusion of the weight of the shells of univalve and bivalve mollusks in the Food and Agriculture Organization data.

Data are included in this report showing the entire domestic landings on a live weight basis. Information is also included on landings of fishery products in the principal countries of the world so that the relative importance of the domestic fisheries can be determined. Tables containing these data follow:

U.S. LANDINGS, 1971 - LIVE WEIGHT BASIS

ITEM	THOUSAND POUNDS	THOUSAND DOLLARS
FISH	4,098,801	307,676
SHELLFISH ET AL.:		
UNIVALVE AND BIVALVE MOLLUSKS:		
ABALONE	2,950	955
CLAMS:		
GEODUCK	610	67
HARD 1/	123,694	16,928
HORSE	2	(2)
OCEAN QUAHOG	16,256	345
RANGIA	520	15
RAZOR	710	260
SOFT	61,433	6,798
SURF	261,875	6,890
MIXED	28	3
TOTAL CLAMS	465,128	31,306
CONCHS	2,176	144
LIMPETS	13	13
MUSSELS:		
SEA	3,910	181
FRESHWATER	890	53
OYSTERS, MARKET	790,009	34,028
PERIWINKLES AND COCKLES	121	15
SCALLOPS:		
BAY	19,182	3,846
CALICO	24,691	802
SEA	47,609	8,981
TOTAL UNIVALVE AND BIVALVE MOLLUSKS	1,356,679	80,324
CRUSTACEANS	720,403	258,521
OTHER	39,939	4,288
TOTAL SHELLFISH ET AL.	2,117,021	343,133
WHALE PRODUCTS	1,143	104
GRAND TOTAL	6,216,965	650,913

1/ INCLUDES SUNRAY VENUS CLAMS.
2/ LESS THAN $500.

GENERAL REVIEW

WORLD LANDINGS OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1971

World landings of fish, crustaceans, mollusks, and other aquatic organisms (live weight) were a record 153.7 billion pounds--an increase of 1 percent compared with 1970.

Six countries accounted for 58 percent of the world landings in 1971. Peru, with 15.2 percent, led for the 10th consecutive year, although the landings decreased 4.4 billion pounds compared with 1970. Japan was second with 14.3 percent; followed by the U.S.S.R., 10.5 percent; Mainland China, 9.9 percent; Norway, 4.4 percent; and the United States, 4.0 percent.

Among the continents, Asia led with 41 percent of the world landings, followed by South America with 19 percent; Europe, 17 percent; U.S.S.R., 11 percent; North and Central America, 7 percent; and Africa, 5 percent. A negligible quantity was taken in Oceania.

WORLD LANDINGS OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1971

(LIVE WEIGHT BASIS)

COUNTRY	BILLION POUNDS	PERCENT
PERU	23.38	15.2
JAPAN	21.93	14.3
U.S.S.R.	16.18	10.5
CHINA, MAINLAND	1/ 15.17	9.9
NORWAY	6.78	4.4
UNITED STATES	2/ 6.23	4.0
INDIA	4.08	2.6
THAILAND	3.50	2.3
SPAIN	3.32	2.2
CHILE	3.28	2.1
DENMARK	3.09	2.0
CANADA	2.84	1.9
INDONESIA	2.74	1.8
SOUTH AFRICA	2.57	1.7
UNITED KINGDOM	2.44	1.6
SOUTH KOREA	2.37	1.6
PHILLIPINES	2.32	1.5
NORTH KOREA	1.76	1.1
FRANCE	1.64	1.1
ICELAND	1.51	1.0
CHINA, TAIWAN	1.43	.9
SOUTH VIET-NAM	1.30	.8
BRAZIL	1.28	.8
POLAND	1.14	.7
WEST GERMANY	1.12	.7
PORTUGAL	1.02	.7
BURMA	.98	.6
MEXICO	.89	.6
ITALY	.86	.6
MALAYSIA	.81	.5
EAST GERMANY	.74	.5
NETHERLANDS	.71	.5
ANGOLA	.70	.5
NORTH VIET-NAM	.66	.4
BANGLADESH	.54	.4
SENEGAL	.53	.3
MOROCCO	.50	.3
GHANA	.48	.3
ALL OTHER	10.84	7.1
TOTAL	153.66	100.0

1/ EXCLUDES LANDINGS IN TAIWAN CHINA AS REPORTED IN "FISHERIES DEVELOPMENT IN TAIWAN," FISHERIES DIVISION, JOINT COMMISSION ON RURAL RECONSTRUCTION, GOVERNMENT OF THE REPUBLIC OF CHINA.

2/ REVISED. INCLUDES WEIGHT OF CLAM, OYSTER, SCALLOP, AND OTHER UNIVALVE AND BIVALVE MOLLUSK SHELLS. THIS WEIGHT IS NOT INCLUDED IN OTHER UNITED STATES LANDINGS STATISTICS.

NOTE:--WEIGHT OF WHALES AND SEALS IS EXCLUDED.

SOURCE:--YEARBOOK OF FISHERY STATISTICS, 1971, VOLUME 32, FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, EXCEPT AS NOTED.

GENERAL REVIEW

PROCESSED FISHERY PRODUCTS, 1971

The production of processed fishery products (canned, packaged fresh and frozen, cured, and industrial) in the United States, American Samoa, and Puerto Rico was worth a record $1.9 billion--an increase of 7 percent compared with 1970, the former record year. Packaged fresh and frozen products were 48 percent of the total value; canned, 42 percent; industrial, 6 percent; and cured, 4 percent. The Pacific Coast States led with products valued at $573.2 million; followed by the Gulf States, $361.8 million; and the New England States, $251.6 million. In 1971, the 3,704 wholesaling and processing establishments had 66,024 employees.

The pack of canned fishery products was 46.0 million standard cases (1.3 billion pounds) worth a record $770.6 million--a decline of 196,771 cases but a gain of $28.8 million compared with 1970. A sharp decrease in the packs of canned salmon, shrimp, and animal food was the principal cause of the decline. The pack of canned crab meat also declined and was the smallest since 1959. However, the packs of canned Maine sardines, tuna, tunalike fish, mackerel, clams, oysters, and squid increased moderately compared with 1970. The value of three items--salmon, tuna, and animal food--accounted for 85 percent of the total value received by the packers.

Fresh and frozen packaged fish and shellfish (fillets and steaks, fish sticks and portions, shrimp and other shellfish products, specialty dinners, etc.) was valued at $887.7 million--a gain of $87.4 million compared with 1970.

Cured fishery products of 76.2 million pounds worth $79.0 million were 5.3 million pounds and $2.0 million more than in 1970.

Industrial fishery products were valued at $114.8 million--an increase of $7.3 million compared with 1970. The gain was principally in marine animal oil (chiefly menhaden) and in miscellaneous industrial products.

Some processed fishery products have been manufactured from raw products imported from foreign countries and therefore cannot be correlated directly with domestic landings. Certain items, such as salted alewives and mild-cured salmon, are shown in an intermediate and also in a more advanced stage of processing. The lime and poultry feed were processed from live and reef mollusk shells which are not included in the landings statistics.

Data on the production of processed fishery products during 1971 have been published previously in Current Fishery Statistics No. 5903.

GENERAL REVIEW

VALUE OF PROCESSED PRODUCTS, BY STATES, 1971

STATE	THOUSAND DOLLARS
NEW ENGLAND.	
MAINE	54,858
NEW HAMPSHIRE	17,939
MASSACHUSETTS	173,252
RHODE ISLAND	5,290
CONNECTICUT	254
TOTAL	251,593
MIDDLE ATLANTIC:	
NEW YORK	56,909
NEW JERSEY	52,805
PENNSYLVANIA	46,356
DELAWARE	4,666
TOTAL	160,736
CHESAPEAKE:	
MARYLAND	68,069
VIRGINIA	45,121
TOTAL	113,190
SOUTH ATLANTIC:	
NORTH CAROLINA	12,529
SOUTH CAROLINA	10,775
GEORGIA	36,648
FLORIDA, EAST COAST	38,305
TOTAL	98,257
GULF:	
FLORIDA, WEST COAST	89,155
ALABAMA	20,908
MISSISSIPPI	35,453
LOUISIANA	113,254
TEXAS	103,042
TOTAL	361,812
PACIFIC:	
ALASKA	176,829
WASHINGTON	58,108
OREGON	47,384
CALIFORNIA	290,921
TOTAL	573,242
GREAT LAKES:	
NEW YORK	1,238
PENNSYLVANIA	655
OHIO	23,959
ILLINOIS	7,151
MICHIGAN	4,419
MINNESOTA	4,293
WISCONSIN	780
TOTAL	42,495
MISSISSIPPI RIVER:	
ALABAMA AND ARKANSAS	2,996
ILLINOIS	680
IOWA	583
KANSAS, KENTUCKY AND NEBRASKA	733
LOUISIANA	669
MINNESOTA	1,679
MISSISSIPPI AND TEXAS	5,536
MISSOURI	9,825
NORTH DAKOTA, SOUTH DAKOTA AND OKLAHOMA	159
TENNESSEE	456
WISCONSIN	7,079
TOTAL	30,395
OTHER:	
HAWAII AND AMERICAN SAMOA	63,820
PUERTO RICO	156,491
TOTAL	220,311
GRAND TOTAL	1,852;031

SUMMARY OF PROCESSED PRODUCTS, 1971

ITEM	THOUSAND DOLLARS
PACKAGED:	
FRESH	[illegible]
FROZEN	[illegible]
CANNED	[illegible]
CURED	78,958
INDUSTRIAL	114,782
TOTAL	1,852,031

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971

REGION	PROCESSING		
	PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR *
	NUMBER		
NEW ENGLAND	239	9,910	7,450
MIDDLE ATLANTIC	118	4,714	3,976
CHESAPEAKE	242	9,922	7,158
SOUTH ATLANTIC	153	5,838	4,547
GULF	428	15,912	11,488
PACIFIC	444	23,338	14,496
GREAT LAKES	97	1,923	1,641
MISSISSIPPI RIVER	83	1,589	1,262
HAWAII, AMERICAN SAMOA, AND PUERTO RICO	32	6,114	4,680
TOTAL	1,836	79,260	56,698

REGION	WHOLESALE		
	PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR
	NUMBER		
NEW ENGLAND	268	1,438	1,202
MIDDLE ATLANTIC	265	1,720	1,679
CHESAPEAKE	213	848	738
SOUTH ATLANTIC	290	1,354	949
GULF	333	3,060	1,968
PACIFIC	107	1,179	991
GREAT LAKES	94	630	584
MISSISSIPPI RIVER	280	1,152	1,085
HAWAII, AMERICAN SAMOA, AND PUERTO RICO	18	130	130
TOTAL	1,868	11,511	9,326

REGION	TOTAL		
	PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR
	NUMBER		
NEW ENGLAND	507	11,348	8,652
MIDDLE ATLANTIC	383	6,434	5,655
CHESAPEAKE	455	10,770	7,896
SOUTH ATLANTIC	443	7,192	5,496
GULF	761	18,972	13,456
PACIFIC	551	24,517	15,487
GREAT LAKES	191	2,553	2,225
MISSISSIPPI RIVER	363	2,741	2,347
HAWAII, AMERICAN SAMOA, AND PUERTO RICO	50	6,244	4,810
TOTAL	3,704	90,771	66,024

NOTE:-- EMPLOYMENT IS REPORTED BY EACH PLANT FOR EACH MONTH FOR THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF THE MONTH. EMPLOYMENT FOR THE SEASON IS BASED ON THE GREATEST NUMBER OF EMPLOYEES WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH. EMPLOYMENT FOR THE YEAR IS OBTAINED BY ADDING THE NUMBER OF EMPLOYEES RECORDED AS WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH, FOR THE YEAR, AND DIVIDING BY 12.

PROCESSED FISHERY PRODUCTS, 1971

ITEM	UNIT	QUANTITY	DOLLARS
ALEWIVES:			
FRESH AND FROZEN:			
FOR BAIT	POUNDS	2,307,944	99,478
FILLETS	DO	(1)	(1)
CANNED:			
FISH	STANDARD CASES	45,497	377,501
ROE	DO	14,004	242,790
ANIMAL FOOD	DO	127,201	716,663
SALTED	POUNDS	7,671,540	1,000,541
MEAL AND SCRAP	TONS	(1)	(1)
OIL	1000 LBS	(1)	(1)
ANCHOVIES:			
FROZEN FOR BAIT	POUNDS	444,315	62,736
CANNED:			
IN TOMATO SAUCE	STANDARD CASES	(1)	(1)
PASTE	DO	1,712	184,346
ANIMAL FOOD	DO	(1)	(1)
SALTED	POUNDS	(1)	(1)
MEAL AND SCRAP	TONS	7,718	1,195,465
OIL	1000 LBS	3,169	175,702
BARRACUDA, SMOKED	POUNDS	(1)	(1)
BIGEYE SCAD, SUN-DRIED	DO	5,710	8,989
BLUEFISH, FRESH AND FROZEN:			
DRESSED	DO	(1)	(1)
FILLETS	DO	(1)	(1)
BONEFISH SPECIALTIES, FRESH (MIX)	DO	(1)	(1)
BUFFALOFISH:			
FILLETS AND STEAKS, FRESH AND FROZEN	DO	146,330	59,254
SMOKED	DO	36,000	38,000
BUTTERFISH, SMOKED	DO	24,930	27,580
CARP:			
FILLETS, FRESH AND FROZEN	DO	2,207,130	723,181
CANNED (ANIMAL FOOD)	STANDARD CASES	(1)	(1)
SMOKED	POUNDS	234,320	119,237
MEAL AND SCRAP	TONS	(1)	(1)
OIL	1000 LBS	(1)	(1)
CATFISH:			
FRESH AND FROZEN:			
DRESSED, SKINS OFF	POUNDS	11,784,993	8,386,232
FILLETS:			
RAW	DO	132,125	105,244
BREADED RAW	DO	(1)	(1)
STEAKS	DO	(2)	(2)
SPECIALTIES, BREADED RAW PORTIONS	DO	(1)	(1)
SMOKED	DO	(1)	(1)
CHUBS, SMOKED	DO	7,055,157	6,155,044
COD:			
FRESH AND FROZEN:			
FILLETS:			
RAW	DO	14,332,094	8,926,522
BREADED, RAW AND COOKED	DO	4,140,062	2,733,254
STEAKS:			
RAW	DO	637,948	217,333
BREADED RAW	DO	(1)	(1)
SPECIALTIES BREADED, RAW AND COOKED:			
CAKES AND PATTIES	DO	1,300,587	498,396
OTHER (BITES, FISH AND CHIPS ETC.)	DO	5,862,736	3,198,310
CANNED (CAKES AND SALTED)	STANDARD CASES	(1)	(1)
SALTED	POUNDS	243,115	181,431
SMOKED	DO	171,547	144,625
SUN-DRIED (IN HOT SAUCE)	DO	4,880	12,356
LUTEFISK	DO	1,333,141	469,605
OIL, LIVER	1000 LBS	(1)	(1)
CROAKER, DRESSED FROZEN	POUNDS	(1)	(1)
CUSK FILLETS, FRESH AND FROZEN	DO	483,766	239,509
EELS:			
DRESSED FROZEN	DO	(1)	(1)
SMOKED	DO	68,178	65,701
FLOUNDERS:			
FRESH AND FROZEN:			
DRESSED	DO	123,935	62,112
FILLETS:			
RAW	DO	38,324,809	28,049,492
BREADED, RAW AND COOKED	DO	5,378,243	3,863,012

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	QUANTITY	VALUE
FLOUNDERS - CONTINUED			
FRESH AND FROZEN:			
STEAKS, BREADED RAW	POUNDS	(1)	(1)
SPECIALTIES:			
STUFFED, BREADED RAW AND COOKED	DO	1,695,681	1,019,167
OTHER (AU GRATINS, DINNERS, IN SAUCES, ETC.)	DO	2,261,508	2,031,583
SALTED	DO	(1)	(1)
SMOKED	DO	(1)	(1)
GROUPERS, FRESH AND FROZEN:			
FILLETS:			
RAW	DO	373,702	294,875
BREADED RAW	DO	(1)	(1)
STEAKS	DO	10,200	7,266
HADDOCK:			
FRESH AND FROZEN:			
FILLETS:			
RAW	DO	6,737,781	6,633,176
BREADED, RAW AND COOKED	DO	3,817,140	2,921,859
SPECIALTIES (AU GRATINS, DINNERS, IN SAUCES, ETC.)	DO	917,960	576,209
CANNED (FINNAN HADDIES AND ROE)	STANDARD CASES	(1)	(1)
SMOKED (INCLUDING FINNAN HADDIES)	POUNDS	(1)	(1)
HAKE:			
FRESH AND FROZEN:			
FILLETS	DO	419,963	153,831
STEAKS	DO	(2)	(2)
SALTED	DO	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)
OIL	1000 LBS	(1)	(1)
HALIBUT:			
FRESH AND FROZEN:			
FILLETS	POUNDS	1,092,397	935,415
STEAKS:			
RAW	DO	7,629,411	5,937,173
BREADED, RAW AND COOKED	DO	(1)	(1)
CHEEKS AND FLETCHES	DO	962,834	923,216
SPECIALTIES (AU GRATINS, PATTIES, AND IN SAUCES)	DO	(1)	(1)
SMOKED	DO	463,849	284,271
OIL, LIVER	1000 LBS	(1)	(1)
HERRING:			
LAKE:			
FRESH AND FROZEN:			
DRESSED AND SCALED	POUNDS	(1)	(1)
FILLETS	DO	7,790	4,343
SALTED	DO	321,575	74,184
SMOKED	DO	75,766	37,238
SEA:			
FRESH AND FROZEN:			
FOR BAIT	DO	4,537,256	320,455
ROE	DO	3,180	4,134
FILLETS	DO	13,712,940	1,943,970
CANNED:			
MAINE SARDINES	STANDARD CASES	950,821	10,855,717
SPECIALTIES (SPREADS AND TID BITS)	DO	55,765	944,292
SALTED:			
CURED AND REFRIGERATED (BISMARKS, SNACKS, IN WINE AND CREAM SAUCES, ETC.)	POUNDS	15,697,281	10,181,998
FISH	DO	5,557,938	2,439,568
ROE	DO	330,889	535,088
EGGS WITH KELP	DO	636,004	1,040,518
SMOKED	DO	541,028	241,596
MEAL AND SCRAP	TONS	5,189	859,970
OIL	1000 LBS	5,856	488,388
PEARL ESSENCE	-	-	2,207,479
THREAD:			
MEAL AND SCRAP	TONS	1,057	169,186
OIL	1000 LBS	1,333	102,400
SOLUBLES	TONS	123	5,168
KING CROAKER FILLETS, FRESH	POUNDS	(1)	(1)
KING MACKEREL:			
FILLETS AND STEAKS, FROZEN	DO	53,954	32,282
CANNED (PASTE)	STANDARD CASES	(1)	(1)

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	QUANTITY	DOLLARS
KING MACKEREL - CONTINUED			
SMOKED	POUNDS	(1)	(1)
LAKE TROUT:			
FILLETS, FRESH AND FROZEN	DO	149,265	175,830
CANNED (PASTE)	STANDARD CASES	(1)	(1)
SMOKED	POUNDS	36,940	43,980
LINGCOD:			
FILLETS, FRESH AND FROZEN	DO	1,116,906	464,654
SMOKED	DO	(1)	(1)
LUMPFISH, CAVIAR, CANNED	STANDARD CASES	(1)	(1)
MACKEREL:			
ATLANTIC:			
FILLETS, FRESH AND FROZEN	POUNDS	(1)	(1)
SALTED	DO	(1)	(1)
SMOKED	DO	29,300	18,650
JACK:			
FRESH AND FROZEN:			
DRESSED	DO	(1)	(1)
FOR BAIT	DO	(1)	(1)
FILLETS	DO	(1)	(1)
CANNED:			
NATURAL	STANDARD CASES	367,043	3,076,373
ANIMAL FOOD	DO	391,996	3,667,143
SALTED (PASTE)	POUNDS	(1)	(1)
SMOKED	DO	(1)	(1)
SUN-DRIED	DO	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)
PACIFIC, SMOKED	POUNDS	(1)	(1)
SCAD, SPECIALTIES (SUN DRIED)	DO	(1)	(1)
MARLIN, SMOKED	DO	(1)	(1)
MENHADEN:			
CANNED (ANIMAL FOOD)	STANDARD CASES	(1)	(1)
MEAL AND SCRAP	TONS	220,996	34,952,755
OIL	1000 LBS	244,040	19,248,564
SOLUBLES	TONS	91,496	3,783,220
MULLET:			
FRESH AND FROZEN:			
ROE	POUNDS	61,330	53,260
FILLETS	DO	(1)	(1)
SPLIT FOR CURING	DO	(1)	(1)
SALTED:			
ROE	DO	24,170	23,413
FISH	DO	240,877	40,510
SPLIT FOR CURING	DO	(1)	(1)
SMOKED	DO	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)
OCEAN PERCH FRESH AND FROZEN:			
ATLANTIC:			
FILLETS:			
RAW	POUNDS	18,342,979	6,074,903
BREADED, RAW AND COOKED	DO	11,758,760	5,886,413
SPECIALTIES (DINNERS, ETC.)	DO	(1)	(1)
PACIFIC:			
FILLETS, RAW	DO	2,928,045	1,216,965
SPECIALTIES (PATTIES, BREADED AND COOKED)	DO	(1)	(1)
PADDLEFISH:			
DRESSED FROZEN	DO	(1)	(1)
SMOKED	DO	(1)	(1)
PERCH FILLETS, FRESH	DO	(1)	(1)
PIKE OR PICKEREL FILLETS, FRESH & FROZEN	DO	46,936	22,576
POLLOCK:			
FRESH AND FROZEN:			
FILLETS:			
RAW	DO	2,708,042	963,824
BREADED RAW AND COOKED	DO	(1)	(1)
STEAKS	DO	145,793	37,711
SPECIALTIES (CAKES, ETC.)	DO	691,824	304,176
CANNED (FLAKES)	STANDARD CASES	(1)	(1)
SALTED	POUNDS	(1)	(1)
SMOKED	DO	(1)	(1)
POMPANO:			
FILLETS, FROZEN	DO	(1)	(1)

SEE FOOTNOTES AT END TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	QUANTITY	DOLLARS
POMPANO - CONTINUED			
SUN-DRIED	POUNDS	(1)	(1)
ROCKFISHES:			
FILLETS, FRESH AND FROZEN	DO	5,246,815	2,108,002
SALTED	DO	(1)	(1)
SABLEFISH:			
FRESH AND FROZEN:			
FILLETS AND STEAKS	DO	179,456	65,302
SPECIALTIES (IN RICE WINE MASH)	DO	[illegible]	[illegible]
SALTED	DO	328,099	202,782
SMOKED	DO	2,655,609	2,510,212
SUN-DRIED	DO	72,400	68,260
SALMON:			
FRESH AND FROZEN:			
FILLETS	DO	441,167	426,000
STEAKS	DO	2,056,043	1,883,658
SPECIALTIES (ROE IN RICE WINE MASH, CAKES, AND PATTIES BREADED AND COOKED)	DO	225,498	295,714
EGGS FOR BAIT	DO	64,361	67,425
CANNED:			
CHINOOK OR KING	STANDARD CASES	76,137	3,232,532
CHUM OR KETA	DO	621,201	17,444,998
PINK	DO	1,251,162	42,721,675
RED	DO	1,387,760	67,462,498
SILVER OR COHO	DO	170,654	6,865,324
STEELHEAD	DO	2,495	94,713
TOTAL	DO	3,509,409	137,821,740
SMOKED	DO	1,745	180,063
CAVIAR	DO	3,858	608,853
EGGS FOR BAIT	DO	12,009	2,848,036
SPECIALTIES (SPREADS AND PASTE)	DO	(1)	(1)
ANIMAL FOOD	DO	(1)	(1)
SALTED:			
SALTED AND PICKLED	POUNDS	587,072	565,935
MILD-CURED	DO	2,821,677	2,902,388
CAVIAR	DO	8,939,368	11,072,920
BELLIES	DO	(1)	(1)
EGGS:			
FOR FOOD	DO	894,733	1,394,767
FOR BAIT	DO	10,120	10,120
SMOKED	DO	13,324,240	29,250,423
MEAL AND SCRAP	TONS	(1)	(1)
OIL	1000 LBS	(1)	(1)
GROUND FOR ANIMAL FOOD	POUNDS	560,950	22,438
SARDINES, PACIFIC SALTED (PASTE)	DO	(1)	(1)
SAUGER FILLETS, FRESH AND FROZEN	DO	99,463	160,008
SEA BASS:			
FILLETS, FRESH AND FROZEN	DO	146,900	71,093
SMOKED	DO	1,756	2,078
SEA TROUT, FRESH AND FROZEN:			
DRESSED	DO	(1)	(1)
FILLETS	DO	4,505	4,375
SHAD:			
FILLETS, FRESH (BONED)	DO	25,000	62,500
CANNED:			
FISH	STANDARD CASES	(1)	(1)
ROE	DO	1,030	169,661
SPECIALTIES (SMOKED)	DO	(1)	(1)
SMOKED	POUNDS	32,000	16,200
SHARK:			
SMOKED	DO	(1)	(1)
LEATHERS	-	-	(1)
SHEEPSHEAD SMOKED:			
FRESH WATER	POUNDS	(1)	(1)
SALT WATER	DO	(1)	(1)
SMELT:			
FROZEN:			
FOR BAIT	DO	(1)	(1)
BREADED AND COOKED	DO	115,975	59,159
SALTED	DO	(1)	(1)
SNAPPERS, FRESH AND FROZEN:			
RED, FILLETS AND STEAKS	DO	174,349	319,894
UNCLASSIFIED, FILLETS	DO	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	QUANTITY	DOLLARS
SPANISH MACKEREL FILLETS:			
FRESH AND FROZEN	POUNDS	2,709,368	1,561,898
SPECIALTIES IN SAUCES	DO	(1)	(1)
SPOT:			
FROZEN DRESSED	DO	(1)	(1)
SALTED	DO	(1)	(1)
STRIPED BASS FILLETS, FRESH AND FROZEN	DO	(1)	(1)
STURGEON:			
CANNED:			
CAVIAR	STANDARD CASES	2,234	2,930,555
SMOKED	DO	422	38,338
SMOKED	POUNDS	885,137	2,281,984
SWORDFISH:			
STEAKS FROZEN	DO	(1)	(1)
SMOKED	DO	2,971	4,775
TEN POUNDER, FRESH, SPECIALTIES (CAKES BREADED COOKED, AND MIXES)	DO	42,400	39,085
TRIGGERFISH FILLETS, FRESH AND FROZEN	DO	(1)	(1)
TUNA:			
FRESH AND FROZEN:			
STEAKS	DO	(1)	(1)
SPECIALTIES (BITES, CASSEROLES, PIES, CAKES, ETC.)	DO	323,055	158,983
CANNED:			
ALBACORE	STANDARD CASES	3/ 6,753,035	3/ 140,356,968
LIGHTMEAT	DO	15,451,938	272,878,706
TOTAL	DO	22,204,973	413,235,674
SPECIALTIES (SPREADS, WITH NOODLES, PASTES, SMOKED ETC.)	DO	48,490	1,130,787
ANIMAL FOOD	DO	3,350,326	48,712,357
SALTED:			
FISH	POUNDS	(1)	(1)
PASTE	DO	45,419	20,333
SMOKED	DO	255,258	340,183
SUN-DRIED	DO	56,428	114,418
MEAL AND SCRAP	TONS	(1)	(1)
OIL (BODY AND LIVER)	1000 LBS	(1)	(1)
SOLUBLES	TONS	(1)	(1)
TUNALIKE FISH (BONITO AND YELLOWTAIL):			
FILLETS, FRESH AND FROZEN	POUNDS	(1)	(1)
CANNED (NATURAL)	STANDARD CASES	285,027	3,316,312
SMOKED	POUNDS	21,757	16,896
TURBOT, FRESH AND FROZEN:			
FILLETS:			
RAW	DO	(1)	(1)
BREADED COOKED	DO	(1)	(1)
SPECIALTIES (PORTIONS)	DO	(1)	(1)
WAHOO:			
CANNED (NATURAL)	STANDARD CASES	(1)	(1)
SMOKED	POUNDS	4,466	5,857
WHITEBASS FILLETS, FRESH	DO	(1)	(1)
WHITEFISH:			
FILLETS, FRESH AND FROZEN	DO	929,573	1,064,772
CANNED:			
FISH	STANDARD CASES	(1)	(1)
CAVIAR	DO	4,295	337,462
SMOKED	POUNDS	2,155,176	2,702,959
WHITING:			
FRESH AND FROZEN:			
HEADED AND DRESSED	DO	10,370,386	2,120,964
DRESSED AND SKINNED	DO	1,322,442	582,826
FILLETS:			
RAW	DO	482,241	154,211
BREADED RAW	DO	(1)	(1)
SMOKED	DO	992,776	508,452
WOLFFISH, FRESH AND FROZEN:			
FILLETS:			
RAW	DO	212,319	93,122
BREADED RAW	DO	(1)	(1)
STEAKS, RAW	DO	(2)	(2)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	QUANTITY	DOLLARS
YELLOW PERCH FILLETS, FRESH AND FROZEN:			
RAW	POUNDS	2,153,610	2,542,614
BREADED, RAW AND COOKED	DO	1,939,412	2,052,787
YELLOW PIKE, FRESH AND FROZEN:			
DRESSED	DO	(1)	(1)
FILLETS:			
RAW	DO	604,584	896,992
BREADED RAW	DO	(1)	(1)
CRABS:			
FRESH AND FROZEN:			
BLUE, HARD (INCLUDING ROCK):			
COOKED MEAT	DO	15,592,345	30,657,242
SPECIALTIES:			
BREADED, RAW AND COOKED:			
CAKES AND PATTIES	DO	1,089,810	1,143,206
DEVILED	DO	6,576,153	6,174,291
STUFFED	DO	1,378,633	1,205,221
OTHER (BURGERS, CUTLETS, ROLLS, DRESSINGS, IMPERIAL, ETC.)	DO	411,863	314,707
RAW AND COOKED, COCKTAILS AU-GRATINS, SOFT SHELL, ETC.)	DO	292,680	165,923
DUNGENESS:			
COOKED MEAT	DO	4,915,143	8,120,476
WHOLE COOKED	DO	1,383,263	757,124
SECTIONS	DO	947,665	498,035
SPECIALTIES (COCKTAILS AND DIPS)	DO	(1)	(1)
KING:			
COOKED MEAT	DO	11,465,210	25,486,365
WHOLE COOKED	DO	23,781	22,648
SECTIONS	DO	6,265,781	7,536,853
SPECIALTIES (COCKTAILS)	DO	(1)	(1)
SNOW:			
COOKED MEAT	DO	1,127,764	1,462,435
WHOLE COOKED	DO	11,116	3,334
SECTIONS	DO	691,447	343,961
STONE, CLAWS COOKED	DO	183,152	341,772
CANNED:			
REGULAR:			
BLUE (INCLUDING ROCK)	STANDARD CASES	73,079	2,382,944
DUNGENESS	DO	14,689	638,042
KING	DO	49,879	2,880,306
SNOW	DO	27,123	1,128,067
SPECIALTIES (DEVILED, GUMBOS, NEWBURGS, SOUPS, ETC.)	DO	26,836	686,980
BACKSHELLS, CLEANED AND POLISHED	-	-	381,960
MEAL AND SCRAP	TONS	9,238	482,569
CRAWFISH:			
FRESH COOKED MEAT	POUNDS	342,100	681,950
SPECIALTIES:			
FROZEN (SOUPS AND FLAVORING)	DO	72,964	47,798
CANNED (SOUP)	STANDARD CASES	(1)	(1)
LOBSTERS:			
AMERICAN (NORTHERN):			
FRESH AND FROZEN:			
COOKED MEAT	POUNDS	749,823	4,559,511
WHOLE, COOKED	DO	110,000	208,250
SPECIALTIES (BREADED RAW)	DO	(1)	(1)
CANNED (MEAT, DEVILED, DIPS, NEWBURGS, CHOWDERS, SOUPS, ETC.)	STANDARD CASES	12,206	358,079
SPINY, FRESH AND FROZEN:			
TAILS, RAW	POUNDS	3,026,294	10,333,462
COOKED:			
MEAT	DO	(1)	(1)
WHOLE	DO	2,248,328	3,058,312
SPECIALTIES (NEWBURG SAUCES)	DO	(1)	(1)
SHRIMP:			
FRESH AND FROZEN:			
RAW HEADLESS	DO	94,139,426	119,114,456
PEELED (INCLUDING DEVEINED):			
RAW	DO	34,315,317	56,764,440
COOKED	DO	20,740,806	30,577,935
BREADED:			
RAW	DO	102,701,025	118,345,041
COOKED	DO	1,887,319	2,868,082
COOKED WHOLE	DO	8,703,129	4,209,889

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	QUANTITY	DOLLARS
SHRIMP - CONTINUED			
FRESH AND FROZEN:			
SPECIALTIES:			
COOKED:			
COCKTAILS	POUNDS	9,730,965	9,935,564
CREOLES	DO	1,099,070	657,294
GUMBOS	DO	162,106	85,982
OTHER (DIPS, NEWBURGS, WITH EGGPLANT, CURRIES, ETC.)	DO	1,460,998	1,455,610
BREADED, RAW AND COOKED:			
CAKES AND PATTIES	DO	1,164,810	1,006,292
STUFFED	DO	1,165,894	1,389,700
OTHER (BURGERS, PORTIONS, STEAKS, DINNERS, CROQUETTES, WITH SAUSAGE, ETC.)	DO	1,828,861	1,062,785
CANNED:			
REGULAR	STANDARD CASES	3,310,389	33,647,503
SPECIALTIES (CREOLES, DIPS GUMBOS, NEWBURGS, PASTE, SOUPS, BISQUES AND STEWS, ETC.)	DO	15,856	336,432
SMOKED	POUNDS	(1)	(1)
SUN-DRIED	DO	724,153	1,356,451
MEAL AND SCRAP	TONS	701	38,483
ABALONE, FRESH AND FROZEN:			
SHUCKED MEATS	POUNDS	923	2,077
STEAKS:			
RAW	DO	290,512	874,970
BREADED RAW	DO	(1)	(1)
SPECIALTIES (PATTIES, BREADED RAW)	DO	(1)	(1)
CLAMS:			
FRESH AND FROZEN:			
SHUCKED:			
HARD, SURF, AND OCEAN QUAHOGS	GALLONS	6,335,434	21,394,383
RANGIA	DO	(1)	(1)
RAZOR	DO	28,058	100,751
SOFT	DO	719,038	6,597,511
SPECIALTIES:			
RAW AND COOKED:			
BREADED	POUNDS	4,140,672	4,147,446
CAKES AND PATTIES	DO	1,665,887	957,506
STUFFED	DO	358,853	337,507
OTHER (CROQUETTES, DEVILED, STICKS, ETC.)	DO	1,303,761	1,074,770
OTHER (JUICE, COCKTAILS, CHOWDERS, ETC.)	DO	287,136	202,296
CANNED:			
WHOLE AND MINCED:			
HARD, SOFT AND SURF	STANDARD CASES	631,668	9,742,567
RAZOR	DO	2,783	53,345
CHOWDER AND JUICE (HARD, SOFT, AND SURF)	DO	2,048,701	16,548,367
SPECIALTIES (A-LA-KINGS, FRITTERS, DIPS, SPREADS, CRISPS, IN SHELL, SOUPS, ETC.)	DO	112,224	2,392,572
SHELLS, CLEANED AND POLISHED	-	-	(1)
CONCHS:			
FRESH AND FROZEN:			
MEATS	POUNDS	647,353	399,280
STEAMED	DO	(1)	(1)
SPECIALTIES (IN SAUCES)	DO	(1)	(1)
CANNED (MEATS AND CHOWDER)	STANDARD CASES	(1)	(1)
SALTED	POUNDS	(1)	(1)
MUSSELS:			
SEA:			
SPECIALTIES, FROZEN (IN TOMATO SAUCE)	DO	(1)	(1)
CANNED (MEAT)	STANDARD CASES	(1)	(1)
BUTTONS	GROSS	(1)	(1)
FRESH-WATER, SHELL PRODUCTS (LIME AND CHIPS)	TONS	(1)	(1)
OCTOPUS:			
FRESH, COOKED	POUNDS	(1)	(1)
SUN-DRIED	DO	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	QUANTITY	DOLLARS
OYSTERS:			
FRESH AND FROZEN:			
EASTERN:			
SHUCKED	GALLONS	4,808,852	43,100,642
STEAMED	POUNDS	672,362	1,288,080
SPECIALTIES:			
BREADED RAW AND COOKED.	DO	4,044,189	4,279,856
OTHER (PIES, SOUPS, STUFFED, ETC.)	DO	620,425	443,679
PACIFIC:			
SHUCKED	GALLONS	715,850	4,359,554
SPECIALTIES (BREADED RAW, STUFFED AND PORTIONS).	POUNDS	40,733	39,567
WESTERN, SHUCKED.	GALLONS	5,606	199,598
CANNED:			
REGULAR (EASTERN AND PACIFIC)	STANDARD CASES	483,812	4,813,700
SPECIALTIES:			
SMOKED.	DO	342	31,372
STEWS, BISQUES AND SOUPS.	DO	210,008	4,520,541
ANIMAL FOOD	DO	(1)	(1)
SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY GRIT. . . .	TONS	195,883	3,738,230
LIME, BURNED AND UNBURNED	DO	32,722	390,192
SCALLOPS, FRESH AND FROZEN:			
SHUCKED:			
BAY	GALLONS	186,191	2,756,758
CALICO.	DO	179,100	1,552,665
SEA	POUNDS	1,810,322	2,732,883
SPECIALTIES:			
BREADED, RAW AND COOKED	DO	9,260,444	14,136,443
OTHER (DINNERS AND IN SAUCES)	DO	142,552	184,119
SQUID:			
FROZEN:			
NATURAL	DO	9,070,077	866,086
SPECIALTIES (IN TOMATO SAUCE)	DO	(1)	(1)
CANNED.	STANDARD CASES	397,399	2,179,123
SALTED.	POUNDS	(1)	(1)
TURTLES:			
FROZEN MEAT	DO	(1)	(1)
CANNED (MEAT, SOUPS AND CHOWDERS) . . .	STANDARD CASES	4,108	118,967
FROGS, FROZEN:			
MEAT.	POUNDS	(1)	(1)
SPECIALTIES, (BREADED RAW).	DO	31,225	36,787
WHALES:			
MEAT, FROZEN (FOR ANIMAL FOOD).	DO	346,985	34,699
MEAL AND SCRAP.	TONS	189	30,305
OIL:			
SPERM	1000 LBS	344	34,419
WHALE	DO	74	5,169
SEALSKINS, PROCESSED.	-	-	6,370,532
UNCLASSIFIED:			
FRESH AND FROZEN PACKAGED:			
FISH:			
NOT BREADED:			
FILLETS AND STEAKS, RAW	POUNDS	1,186,464	811,488
OTHER (DRESSED, FOR BAIT, FOR ANIMAL FOOD, ETC.)	DO	743,470	122,980
STICKS, BREADED:			
RAW	DO	3,813,900	2,026,328
COOKED.	DO	93,962,876	54,780,992
PORTIONS:			
RAW:			
NOT BREADED	DO	11,838,366	6,442,834
BREADED	DO	142,334,865	70,305,590
BREADED AND COOKED.	DO	86,022,479	46,387,416
FILLETS AND STEAKS, BREADED, RAW AND COOKED	DO	1,304,995	738,575
SHELLFISH, NATURAL.	DO	828,999	476,903
FISH AND SHELLFISH:			
CAKES AND PATTIES, BREADED, RAW AND COOKED	DO	11,083,162	5,416,334
DINNERS, BREADED, RAW AND COOKED. .	DO	19,198,802	12,378,644
SPECIALTIES	DO	12,606,773	12,129,345
CANNED FISH AND SHELLFISH:			
GEFILTEFISH	STANDARD CASES	280,940	5,969,074

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	QUANTITY	DOLLARS
UNCLASSIFIED - CONTINUED			
CANNED FISH AND SHELLFISH - CONTINUED			
ANIMAL FOOD	STANDARD CASES	6,797,400	48,414,340
MISCELLANEOUS (CHOWDERS, GUMBOS, DIPS, FLAKES, ETC.).	DO	113,619	2,360,416
CURED:			
SALTED.	POUNDS	355,467	197,135
SMOKED.	DO	172,763	174,661
SUN-DRIED	DO	44,782	54,187
MEAL AND SCRAP:			
TUNA AND MACKEREL	TONS	29,287	3,705,977
UNCLASSIFIED.	DO	30,437	4,925,917
OIL:			
TUNA AND MACKEREL	1000 LBS	4,933	255,233
UNCLASSIFIED (BODY AND LIVER)	DO	5,701	520,632
FISH SOLUBLES	TONS	19,574	1,257,601
OTHER (AGAR-AGAR, KELP, MUSSEL SHELL LIME AND DUST, SHARK LEATHERS, ETC.) .	-	-	29,433,976
GRAND TOTAL.	-	-	1,852,031,029

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH FILLETS.

3/ A SMALL PRODUCTION OF LIGHTMEAT TUNA, SOLID, AND FLAKES HAS BEEN INCLUDED WITH ALBACORE.

NOTE:--SOME OF THE ABOVE ITEMS HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM FOREIGN COUNTRIES: THEREFORE, THE PRODUCTION CANNOT BE CORRELATED DIRECTLY WITH LANDINGS. CERTAIN ITEMS SUCH AS SALTED ALEWIVES, MILD-CURED SALMON, ETC., ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING. THE LIME AND POULTRY FEED PROCESSED SHELL PRODUCTS WERE PROCESSED FROM LIVE AND REEF MOLLUSK SHELLS THAT ARE NOT INCLUDED IN THE LANDINGS STATISTICS.

CURED FISHERY PRODUCTS, 1971

ITEM	POUNDS	DOLLARS
SALTED AND PICKLED:		
ALEWIVES	7,671,540	1,000,541
COD	1,576,256	651,036
HERRING:		
LAKE	321,575	74,184
SEA	22,222,112	14,197,172
MULLET	265,047	63,923
SABLEFISH	328,099	202,782
SALMON	13,252,970	15,946,130
TUNA	45,419	20,333
OTHER (ANCHOVIES, FLOUNDER, HAKE, MACKEREL ATLANTIC AND JACK, MULLET, POLLOCK, ROCKFISHES, SALMON, SARDINES, SMELT, SPOT, TUNA, CONCHS, SQUID AND AND UNCLASSIFIED FISH)	355,467	197,135
TOTAL	46,038,485	32,353,236
SMOKED:		
BUFFALOFISH	36,000	38,000
BUTTERFISH	24,930	27,580
CARP	234,320	119,237
CHUBS	7,055,157	6,155,044
COD	171,547	144,625
EELS	68,178	65,701
HALIBUT	463,849	284,271
HERRING:		
LAKE	75,766	37,238
SEA	541,028	241,596
LAKE TROUT	36,940	43,980
MACKEREL, ATLANTIC	29,300	18,650
SABLEFISH	2,655,609	2,510,212
SALMON	13,324,240	29,250,423
SEA BASS	1,756	2,078
SHAD	32,000	16,200
STURGEON	885,137	2,281,984
SWORDFISH	2,971	4,775
TUNA	255,258	340,183
TUNALIKE (BONITO AND YELLOWTAIL)	21,757	16,896
WAHOO	4,466	5,857
WHITEFISH	2,155,176	2,702,959
WHITING	992,776	508,452
OTHER (BARRACUDA, CATFISH, FLOUNDERS, HADDOCK, JACK MACKEREL, KING MACKEREL, PACIFIC MACKEREL, LINGCOD, MARLIN, MULLET, PADDLEFISH, POLLOCK, ROCKFISHES, SHARK, SHEEPSHEAD, ATLANTIC AND PACIFIC, SHRIMP AND UNCLASSIFIED FISH)	172,763	174,661
TOTAL	29,240,924	44,990,602
SUN-DRIED:		
BIGEYE SCAD	5,710	8,989
COD	4,880	12,356
SABLEFISH	72,400	68,260
TUNA	56,428	114,418
SHRIMP	724,153	1,356,451
OTHER (JACK MACKEREL, MACKEREL SCAD, POMPANO, OCTOPUS AND UNCLASSIFIED FISH)	44,782	54,187
TOTAL	908,353	1,614,661
GRAND TOTAL	76,187,762	78,958,499

NOTE:-- PRODUCTS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

CANNED FISHERY PRODUCTS, 1971

The pack of canned fishery products in the United States, American Samoa, and Puerto Rico was 46.0 million standard cases (1.3 billion pounds) worth a record $770.6 million to the packers--a decline of 196,800 cases (17.1 million pounds) but an increase of $28.8 million compared with 1970. A sharp decrease in the packs of canned salmon, shrimp, animal food, and crab meat was the principal reason for the volume decline. The pack of canned crab meat was the smallest since 1959. These declines were partly offset by record packs of canned tuna and clams, and by increases in the production of Maine sardines, tunalike fish, mackerel, oysters, and squid.

The pack for human consumption (816.2 million pounds) was 11.0 million more than in 1970, but the pack for bait and animal food (512.6 million) declined 28.1 million pounds. The value of three items--salmon, tuna, and animal food--accounted for 85 percent of the total value received by the packers. Animal food containing less than 10 pounds of fish per standard case of 48 pounds (3.5 million cases worth $20.0 million) is not included in these data.

Clams. The pack of canned clams and clam products was a record 2.7 million cases worth a record $26.3 million--a gain of 8 percent in quantity and 3 percent in value compared with 1970. The production of whole and minced clams (634,500 cases) and clam chowder and juice (2.0 million cases) increased slightly compared with 1970. The value of clam chowder and juice ($16.5 million) also increased, but the value of whole and minced clams ($9.8 million) was slightly less than in the previous year.

Crabs. The pack of canned crab meat was 164,800 cases worth $7.0 million--a decline of 37 percent in volume and 33 percent in value compared with 1970. The production was the smallest since 1959.

The pack of all species declined compared with 1970. In the Atlantic and Gulf areas, the pack of blue crab meat was 73,100 cases--30 percent less than in 1970. On the Pacific coast, the pack of dungeness crab meat was 14,700 cases--a decline of 44,100 cases (75 percent) compared with 1970. The pack of snow crab meat also declined from the record 42,500 cases packed in 1970 to 27,100 cases in 1971. Compared with 1970, the pack of king crab meat (49,900 cases) decreased 11 percent--continuing the downward trend that began in 1967.

Mackerel. The pack of 367,000 cases of canned mackerel nearly doubled the 1970 production. Despite the sharp gain, however, the pack was one of the smallest produced in the last forty years. The pack consisted entirely of jack mackerel. Pacific mackerel was not canned commercially in 1971.

Salmon. The pack of canned salmon was 3.5 million cases worth $137.8 million--a decline of 8 percent in quantity and 1 percent in value compared with 1970. Principal reason for the decline was the Alaska pack of 2.9 million cases--down 19 percent from 1970. Alaska accounted for 83 percent of the volume and 78 percent of the value of the total pack. The combined Washington and Oregon packs of 610,400 cases were 137 percent greater than in 1970.

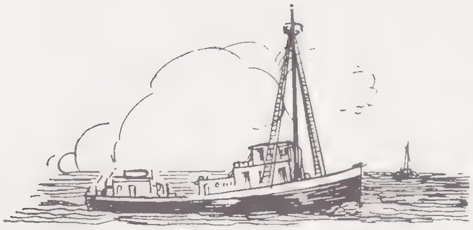
Sardines. The pack of canned Maine sardines (sea herring) was 950,800 cases worth $10.9 million--a gain of 18 percent in quantity but a decline of 3 percent in value compared with 1970. Sea herring landings in Maine and fresh Canadian sea herring imports into Maine (used principally for canning and reduction) both declined compared with the previous year.

Pacific sardines have not been canned since 1968. The California State Legislature, in an effort to conserve the resource, established an indefinite moratorium on sardine fishing in California waters.

Shrimp. The pack of canned shrimp was 3.3 million cases worth $33.6 million--a decline of 411,900 cases and $3.6 million compared with 1970. The Gulf States led in production with 2.1 million cases--64 percent of the pack. Alaska was second with a record 1.1 million cases--34 percent of the pack.

Tuna. The pack of canned tuna was a record 22.2 million cases worth a record $413.2 million--an increase of 141,600 cases and $32.7 million compared with 1970, the former record year. The Pacific coast led in production with 50 percent of the total, followed by Puerto Rico with 35 percent, and Maryland, Hawaii, and American Samoa with 15 percent. In 1971, areas other than California accounted for 56 percent of the pack; in 1955, they accounted for only 17 percent. Increased production in Puerto Rico and American Samoa has been the principal reason for the gain.

Data on the production of canned fishery products during 1971 have been published previously in Current Fishery Statistics No. 5901.



SUMMARY OF PRODUCTION, BY PRODUCTS, 1971

PRODUCTS	PLANTS	PRODUCTION			
	NUMBER	STANDARD CASES	POUNDS PER CASE	POUNDS	DOLLARS
CANNED PRODUCTS:					
FOR HUMAN CONSUMPTION:					
SALMON.	72	3,509,409	48	168,451,632	137,821,740
SARDINES, MAINE	20	950,821	23.4	22,249,211	10,855,717
TUNA:					
SOLID	25	5,088,521	21	106,858,941	106,774,451
CHUNKS.	21	15,857,227	19.5	309,215,927	290,191,094
FLAKES AND GRATED	19	1,259,225	18	22,666,050	16,270,129
TOTAL TUNA.	1/26	22,204,973	-	438,740,918	413,235,674
TUNALIKE FISH	6	285,027	21-19.5-18	5,553,134	3,316,312
ALEWIVES.	5	45,497	45	2,047,365	377,501
MACKEREL.	5	367,043	45	16,516,935	3,076,373
GEFILTEFISH	4	280,940	48	13,485,120	5,969,074
SALMON, SMOKED.	19	1,745	48	83,760	180,063
STURGEON, SMOKED.	8	422	48	20,256	38,338
TUNA SPECIALTIES, CREAMED, SPREADS, WITH NOODLES, WITH CHILI, AND SMOKED.	9	48,490	48	2,327,520	1,130,787
ANCHOVY PASTE	4	1,712	48	82,176	184,346
MISCELLANEOUS FISH SPECIALTIES	25	154,634	48	7,422,432	2,737,969
FISH ROE AND CAVIAR	15	32,660	48	1,567,680	4,604,210
TOTAL FISH.	-	27,883,373	-	678,548,139	583,528,104
CRAB MEAT	27	164,770	19.5	3,213,015	7,029,359
CRAB MEAT AND SPECIALTIES . .	7	26,836	48	1,288,128	686,980
LOBSTER MEAT AND SPECIALTIES.	7	12,206	48	585,888	358,079
SHRIMP.	32	3,310,385	6.75	2/22,345,099	33,647,503
SHRIMP SPECIALTIES.	8	15,856	48	761,088	336,432
CLAMS AND CLAM PRODUCTS:					
WHOLE	4	5,743	15	3/86,145	190,195
MINCED.	13	628,708	15	3/9,430,620	9,605,717
CHOWDER	13	1,866,623	30	3/55,998,690	15,639,824
JUICE	8	182,078	30	3/5,462,340	908,543
TOTAL CLAMS	1/26	2,683,152	-	3/70,977,795	26,344,279
CLAM SPECIALTIES.	11	112,224	48	5,388,752	2,392,572
OYSTERS	18	483,812	7	2/3,386,684	4,813,700
OYSTER SPECIALTIES:					
SMOKED.	4	342	48	16,416	31,372
STEWS, BISQUES AND SOUPS. .	8	210,008	48	10,080,384	4,520,541
SQUID	7	397,399	48	19,075,152	2,179,123
TURTLE MEAT, SOUPS, AND STEWS	3	4,108	48	197,184	118,967
MISCELLANEOUS SHELLFISH SPECIALTIES.	6	7,584	48	364,032	251,850
TOTAL SHELLFISH	-	7,428,682	-	137,679,617	82,710,757
TOTAL FOR HUMAN CONSUMPTION	-	35,312,055	-	816,227,756	666,238,861
FOR BAIT AND ANIMAL FOOD:					
ANIMAL FOOD	43	10,666,923	48	512,012,304	101,510,503
SALMON EGGS FOR BAIT.	9	12,009	48	576,432	2,848,036
TOTAL FOR BAIT AND ANIMAL FOOD.	50	10,678,932	-	512,588,736	104,358,539
GRAND TOTAL	1/253	45,990,987	-	1,328,816,492	770,597,400

1/ EXCLUSIVE OF DUPLICATION. 2/ DRAINED WEIGHT. 3/ "CUT OUT" OR "DRAINED" WEIGHT OF CAN CONTENTS ARE GIVEN FOR WHOLE OR MINCED CLAMS, AND NET CONTENTS FOR OTHER CLAM PRODUCTS.

GENERAL REVIEW

VALUE OF PRODUCTION, BY STATES, 1971

STATE	CANNED FISHERY PRODUCTS
	DOLLARS
MAINE	18,984,070
MASSACHUSETTS AND CONNECTICUT	19,204,171
NEW YORK	6,902,930
NEW JERSEY	21,411,469
PENNSYLVANIA AND DELAWARE	8,183,832
MARYLAND	12,078,727
VIRGINIA	1,135,567
NORTH CAROLINA AND SOUTH CAROLINA	3,041,426
FLORIDA AND TEXAS	79,142
MISSISSIPPI	15,502,221
LOUISIANA	25,146,506
ILLINOIS, KANSAS AND NEBRASKA	327,448
MICHIGAN AND WISCONSIN	5,392,919
ALASKA	121,477,347
WASHINGTON	35,305,857
OREGON	34,480,820
CALIFORNIA	224,506,202
HAWAII AND AMERICAN SAMOA	62,044,207
PUERTO RICO	155,392,539
TOTAL	770,597,400

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCTS	1941	1942	1943	1944 TO 1947	1948 TO 1951
	POUNDS PER CASE				
SARDINES:					
MAINE	25	20.3	20.3	20.3	20.3
PACIFIC	48	45	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	21	22.5	22.5	21	21
CHUNKS	-	-	-	(1)	(1)
FLAKES	21	18	18	18	18
MACKEREL	48	45	45	45	45
ALEWIVES	48	48	45	45	45
ANCHOVIES	48	48	48	48	48
SHAD	48	48	48	45	45
FISH FLAKES	48	48	48	42	42
OYSTERS	15	15	22.5	22.5	14
SHRIMP, WET PACK	17.25	21	21	21	15
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC	30	30	30	30	30
CRABS	39	39	39	39	19.5
ALL OTHER	48	48	48	48	48

PRODUCT	1952	1953 TO 1957	1958 TO 1964	1965 TO 1969	1970 AND 1971
	POUNDS PER CASE				
SARDINES:					
MAINE	20.3	20.3	23.4	23.4	23.4
PACIFIC	45	45	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	21	21	21	21	21
CHUNKS	19.5	19.5	19.5	19.5	19.5
FLAKES	18	18	18	18	18
MACKEREL	45	45	45	45	45
ALEWIVES	45	45	45	45	45
ANCHOVIES	48	31.25	31.25	31.25	31.25
SHAD	45	45	45	45	45
FISH FLAKES	42	48	48	48	48
OYSTERS	14	14	14	14	7
SHRIMP, WET PACK	15	15	15	6.75	6.75
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30
CRABS	19.5	19.5	19.5	19.5	19.5
ALL OTHER	48	48	48	48	48

1/PRIOR TO 1952 CHUNK PACK TUNA WAS INCLUDED WITH THE FLAKE PACK.

NOTE:--THE FACTORS LISTED ABOVE WERE USED IN CONVERTING STANDARD CASES REPORTED IN THE CANNED FISHERY PRODUCTS BULLETINS FOR THE YEARS INDICATED.

PLANTS PRODUCING CANNED FISHERY PRODUCTS, 1971

AREA AND STATE	PLANTS
	NUMBER
NEW ENGLAND:	
MAINE	22
MASSACHUSETTS	5
CONNECTICUT	1
TOTAL	28
MIDDLE ATLANTIC:	
NEW YORK	9
NEW JERSEY	13
PENNSYLVANIA	4
DELAWARE	1
TOTAL	27
CHESAPEAKE BAY:	
MARYLAND	4
VIRGINIA	4
TOTAL	8
SOUTH ATLANTIC AND GULF:	
NORTH CAROLINA	4
SOUTH CAROLINA	2
FLORIDA	2
MISSISSIPPI	11
LOUISIANA	19
TEXAS	1
TOTAL	39
GREAT LAKES AND MISSISSIPPI RIVER:	
ILLINOIS	1
KANSAS	1
MICHIGAN	1
NEBRASKA	1
WISCONSIN	3
TOTAL	7
PACIFIC COAST:	
WASHINGTON	39
OREGON	14
CALIFORNIA	15
ALASKA	69
TOTAL	137
HAWAII	1
AMERICAN SAMOA	2
PUERTO RICO	4
GRAND TOTAL	253

PACK OF SALMON, 1971

SPECIES	ALASKA		WASHINGTON	
	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS
CHINOOK OR KING . . .	31,935	1,282,054	8,666	420,206
CHUM OR KETA.	601,753	16,824,723	16,603	540,263
PINK.	1,074,547	36,103,597	147,731	5,572,999
RED OR SOCKEYE. . . .	1,108,206	50,721,632	243,120	14,649,102
SILVER OR COHO. . . .	82,570	3,049,146	43,739	1,966,426
TOTAL	2,899,011	107,981,152	459,859	23,148,996

SPECIES	OREGON		TOTAL	
	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS
CHINOOK OR KING . . .	1/35,536	1/1,530,272	76,137	3,232,532
CHUM OR KETA.	2,845	80,012	621,201	17,444,998
PINK.	28,884	1,045,079	1,251,162	42,721,675
RED OR SOCKEYE. . . .	36,434	2,091,764	1,387,760	67,462,498
SILVER OR COHO. . . .	44,345	1,849,752	170,654	6,865,324
STEELHEAD	2,495	94,713	2,495	94,713
TOTAL	150,539	6,691,592	3,509,409	137,821,740

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 1-LB CANS OF 16 OZ. EACH. SALMON WERE CANNED IN 46 PLANTS IN ALASKA, 17 PLANTS IN WASHINGTON, 7 PLANTS IN OREGON AND 2 PLANTS IN CALIFORNIA. THE PACK OF SMOKED SALMON IS INCLUDED IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS."

PACK OF SALMON, BY CAN SIZES, 1971

STATE AND SPECIES	CAN SIZE							
	4-POUND TALL		1-POUND TALL		1/2-POUND FLAT		1/4-POUND FLAT	
	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS
ALASKA:								
CHINOOK OR KING .	-	-	16,112	563,824	15,524	703,727	299	14,503
CHUM OR KETA. . .	26,800	788,444	509,410	14,040,110	64,297	1,952,330	1,246	43,839
PINK.	46,855	1,605,340	853,384	28,122,798	173,758	6,354,552	550	20,907
RED OR SOCKEYE. .	9,765	420,950	680,647	28,528,903	349,793	18,208,592	68,001	3,563,187
SILVER OR COHO. .	17,688	651,983	49,651	1,769,333	14,076	568,451	1,155	59,379
TOTAL	101,108	3,466,717	2,109,204	73,024,968	617,448	27,787,652	71,251	3,701,815
WASHINGTON:								
CHINOOK OR KING .	-	-	1,545	48,417	6,855	349,524	266	22,265
CHUM OR KETA. . .	2,146	63,102	9,087	294,166	5,326	181,059	44	1,936
PINK.	14,609	541,566	79,872	2,891,675	53,075	2,132,047	175	7,711
RED OR SOCKEYE. .	574	26,404	1,642	74,449	186,892	10,926,660	54,012	3,621,589
SILVER OR COHO. .	245	9,555	12,936	508,425	20,187	911,132	10,371	537,314
TOTAL	17,574	640,627	105,082	3,817,132	272,335	14,500,422	64,868	4,190,815
OREGON:								
CHINOOK OR KING 1/	-	-	5,983	143,731	26,569	1,218,909	2,984	167,632
CHUM OR KETA. . .	-	-	2,563	71,552	282	8,460	-	-
PINK.	-	-	27,491	989,556	1,392	55,496	1	27
RED OR SOCKEYE. .	-	-	-	-	33,488	1,940,758	2,946	151,006
SILVER OR COHO. .	-	-	12,904	452,134	10,616	395,995	20,825	1,001,623
STEELHEAD	-	-	266	8,016	1,920	69,407	309	17,290
TOTAL	-	-	49,207	1,664,989	74,267	3,689,025	27,065	1,337,578
GRAND TOTAL . .	118,682	4,107,344	2,263,493	78,507,089	964,050	45,977,099	163,184	9,230,208

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CANS CONVERTED TO THE EQUIVALENT OF 48 1-LB CANS OF 16 OZ. EACH.

GENERAL REVIEW

WASHINGTON AND OREGON SALMON PACK BY DISTRICTS, 1971

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS
CHINOOK OR KING. .	4,713	248,350	38,247	1,648,848	1/1,242	1/53,280	44,202	1,950,478
CHUM OR KETA . . .	16,525	537,923	2,923	82,352	-	-	19,448	620,275
PINK	146,904	5,548,189	29,711	1,069,889	-	-	176,615	6,618,078
RED OR SOCKEYE . .	242,547	14,616,997	37,007	2,123,869	-	-	279,554	16,740,866
SILVER OR COHO . .	41,546	1,873,911	45,573	1,904,935	965	37,332	88,084	3,816,178
STEELHEAD.	-	-	2,495	94,713	-	-	2,495	94,713
TOTAL.	452,235	22,825,370	155,956	[illegible],924,[illegible]	[illegible]	[illegible]	610,398	29,840,588

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 1-LB CANS OF 16 OZ. EACH.

PUGET SOUND SALMON PACK, BY ORIGIN OF FISH, 1971

SPECIES	LOCAL FISH	ALASKAN FISH	TOTAL FISH
	STANDARD CASES		
CHINOOK OR KING.	4,102	611	4,713
CHUM OR KETA	4,050	1/12,475	16,525
PINK	130,614	16,290	146,904
RED OR SOCKEYE	226,290	16,257	242,547
SILVER OR COHO	39,971	1,575	41,546
TOTAL.	405,027	47,208	452,235

1/ INCLUDES A SMALL PACK FROM CANADIAN FISH.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 1-LB CANS OF 16 OZ. EACH.

PACK OF MAINE SARDINES, 1971

STYLE OF PACK	QUANTITY	VALUE
	STANDARD CASES	DOLLARS
IN SOYBEAN OIL	697,819	8,824,301
IN MUSTARD SAUCE	95,093	972,368
IN TOMATO SAUCE.	143,653	883,682
OTHER (IN OLIVE OIL, AND WITH CHILI PEPPERS) . . .	14,256	175,366
TOTAL.	950,821	10,855,717

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE UNIFORM BASIS OF 100 NO. 1/4 OIL CANS (3-3/4 OZ. NET) TO THE CASE; SARDINES WERE CANNED IN 20 PLANTS IN MAINE.

PACK OF PACIFIC SARDINES, 1971

A LAW PASSED BY THE CALIFORNIA LEGISLATURE IN 1967 ESTABLISHED A 2-YEAR MORATORIUM ON THE TAKING OF SARDINES IN CALIFORNIA WATERS, EXCEPTING AN ALLOWABLE 15 PERCENT TOLERANCE FOR SARDINES TAKEN INCIDENTALLY IN MIXED CATCHES OF MACKEREL. IN 1969, THE MORATORIUM ON SARDINE FISHING WAS CONTINUED INDEFINITELY. NO PACIFIC SARDINES HAVE BEEN CANNED SINCE 1968.

PACK OF TUNA, 1971

SPECIES	CALIFORNIA		WASHINGTON AND OREGON		ATLANTIC COAST, HAWAII AND TERRITORIES		TOTAL	
	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS
ALBACORE:								
SOLID PACK. . .	843,832	19,028,398	590,905	13,218,866	2,583,160	54,883,832	4,017,897	87,131,096
CHUNK	628,920	13,104,747	205,145	4,289,132	1,477,797	30,339,749	2,311,862	47,733,628
FLAKES AND GRATED	60,351	768,149	69,440	881,825	293,485	3,842,270	423,276	5,492,244
TOTAL	1,533,103	32,901,294	865,490	18,389.823	4,354,442	89,065,851	6,753,035	140,356,968
LIGHT MEAT:								
SOLID PACK. . .	705,296	12,864,932	(1)	(1)	365,328	6,778,423	1,070,624	19,643,355
CHUNK	7,139,280	128,942,874	556,627	9,097,841	5,849,458	104,416,751	13,545,365	242,457,466
FLAKES AND GRATED	358,264	4,650,384	(1)	(1)	477,685	6,127,501	835,949	10,777,885
TOTAL	8,202,840	146,458,190	556,627	9,097,841	6,692,471	117,322,675	15,451,938	272,878,706
GRAND TOTAL .	9,735,943	179,359,484	1,422,117	27,487,664	11,046,913	206,388,526	22,204,973	413,235,674

1/ THE PACKS OF LIGHT MEAT SOLID AND FLAKES AND GRATED HAVE BEEN INCLUDED WITH ALBACORE. NOTE:-- "STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 7 OZ. NET WEIGHT OF SOLID PACK, 6-1/2 OZ. NET WEIGHT OF CHUNKS, AND 6 OZ. NET WEIGHT OF FLAKES AND GRATED. THE PACK OF DIETETIC TUNA IS INCLUDED IN THESE TOTALS. TUNA WERE CANNED IN 8 PLANTS IN CALIFORNIA, 5 PLANTS EACH IN WASHINGTON AND OREGON, 4 PLANTS IN PUERTO RICO, 2 PLANTS IN AMERICAN SAMOA, AND 1 PLANT EACH IN MARYLAND AND HAWAII. DATA ON THE PACK OF TUNA SPECIALTIES CAN BE FOUND IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS." THE PACK OF TUNA FOR ANIMAL FOOD IS NOT INCLUDED IN THE ABOVE TABLE.

PACK OF TUNA, BY CAN SIZES, 1971

CAN AND CASE SIZES		QUANTITY	VALUE
		ACTUAL CASES	DOLLARS
4-POUND	(12 CANS)	369,537	14,555,038
1-POUND	(48 CANS)	1,240,193	43,513,796
1/2-POUND	(48 CANS)	15,906,925	292,818,046
1/4-POUND	(48 CANS)	1,668,159	19,064,665
9-1/4 OUNCES.	(24 CANS)	3,263,360	42,241,653
OTHER SIZES		1/54,968	1,042,476
TOTAL		22,503,142	413,235,674

1/ CONVERTED TO STANDARD CASES.

PACK OF TUNA, BY AREAS AND STATES, 1971

AREA AND STATE	QUANTITY	VALUE	AREA AND STATE	QUANTITY	VALUE
	STANDARD CASES	DOLLARS		STANDARD CASES	DOLLARS
PACIFIC COAST:			OTHER:		
WASHINGTON.	225,994	3,927,769	MARYLAND, HAWAII, AND AMERICAN SAMOA. . . .	3,302,617	67,239,114
OREGON.	1,196,123	23,559,895	PUERTO RICO.	7,744,296	139,149,412
CALIFORNIA.	9,735,943	179,359,484	TOTAL.	11,046,913	206,388,526
TOTAL	11,158,060	206,847,148	GRAND TOTAL. . . .	22,204,973	413,235,674

PACK OF TUNALIKE FISH, 1971

SPECIES	QUANTITY	VALUE
	STANDARD CASES	DOLLARS
BONITO:		
SOLID PACK, CHUNKS, FLAKES OR GRATED.	285,027	3,316,312

NOTE:--"STANDARD CASES" REPRESENT THE EQUIVALENT OF 48 NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 7 OZ. NET WEIGHT OF SOLID PACK, 6-1/2 OZ. NET WEIGHT OF CHUNK, AND 6 OZ. NET WEIGHT OF FLAKES OR GRATED. TUNALIKE FISH WERE CANNED IN 6 PLANTS IN CALIFORNIA.

PACK OF ALEWIVES, 1971

STATE AND NUMBER OF PLANTS	QUANTITY	VALUE
	STANDARD CASES	DOLLARS
NORTH CAROLINA (3) AND VIRGINIA (2)	45,497	377,501

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 CANS OF 15 OZ. EACH.

PACK OF MACKEREL, 1971

ITEM	QUANTITY	VALUE
	STANDARD CASES	DOLLARS
JACK MACKEREL, NATURAL	367,043	3,076,373

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CANS CONVERTED TO THE EQUIVALENT OF 48 CANS OF 15 OZ. EACH. MOST OF THE PACK WAS CANNED IN 15 OZ. CANS. MACKEREL WAS CANNED IN 5 PLANTS IN CALIFORNIA.

PACK OF SHAD, 1971

LESS THAN 3 PLANTS CANNED SHAD IN 1971. THE PRODUCTION OF CANNED SHAD HAS BEEN INCLUDED IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS."

PACK OF ANIMAL FOOD FROM FISHERY PRODUCTS, 1971

STATE AND NUMBER OF PLANTS	QUANTITY	VALUE
	STANDARD CASES	DOLLARS
MASSACHUSETTS (3)	1,878,705	18,261,183
NEW JERSEY (1), NEW YORK (1), AND PENNSYLVANIA (2)	217,523	1,772,836
MARYLAND (1) AND VIRGINIA (2)	135,058	1,101,611
LOUISIANA (1) AND MISSISSIPPI (3)	2,694,712	12,916,311
ILLINOIS (1), KANSAS (1), NEBRASKA (1) AND WISCONSIN (2)	680,972	5,559.342
CALIFORNIA (8)	2,747,968	36,052,851
WASHINGTON (4)	489,268	1,941,781
OREGON (5)	451,661	3,312,885
HAWAII (1) AND AMERICAN SAMOA(2)	294,332	4,348,576
PUERTO RICO (4)	1,076,724	16,243,127
TOTAL (43)	10,666,923	101,510,503

NOTE: -- EACH STANDARD CASE CONTAINS 10 OR MORE POUNDS OF FISH. AN ADDITIONAL PACK OF 3,509,724 STANDARD CASES VALUED AT $19,983,362 HAD LESS THAN 10 LB. OF FISH PER STANDARD CASE AND IS NOT INCLUDED IN THE ABOVE PACK. "STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 CANS OF 16 OZ. EACH.

PACK OF FISH ROE AND CAVIAR, 1971

PRODUCT AND NUMBER OF PLANTS	QUANTITY	VALUE	STATE OF PRODUCTION AND NUMBER OF PLANTS
	STANDARD CASES	DOLLARS	
ALEWIFE ROE (6).	14,004	242,790	NORTH CAROLINA (3) AND VIRGINIA (3)
SALMON CAVIAR (4).	3,858	608,853	NEW YORK (4)
SHAD ROE (3)	1,030	169,661	OREGON (2) AND WASHINGTON (1)
STURGEON ROE (3)	2,234	2,930,555	NEW YORK (3)
WHITEFISH CAVIAR (4)	4,295	337,462	NEW YORK (3) AND WISCONSIN (1)
GROUNDFISH ROE (1) AND LUMPFISH CAVIAR (3)	7,239	314,889	MASSACHUSETTS (1) AND NEW YORK (3)
TOTAL EDIBLE ROE AND CAVIAR (15) 1/.	32,660	4,604,210	
SALMON EGGS FOR BAIT (9) . . .	12,009	2,848,036	WASHINGTON (9)
GRAND TOTAL (24)	44,669	7,452,246	

1/ EXCLUSIVE OF DUPLICATION. NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 CANS OF 16 OZ. EACH.

PACK OF FISH ROE AND CAVIAR, BY STATES, 1971

STATE AND NUMBER OF PLANTS	QUANTITY	VALUE
	STANDARD CASES	DOLLARS
NEW YORK (4)	12,236	4,013,717
NORTH CAROLINA (3) AND VIRGINIA (3).	14,004	242,790
MASSACHUSETTS (1), OREGON (2), WASHINGTON (10), AND WISCONSIN (1)	18,429	3,195,739
TOTAL (24)	44,669	7,452,246

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 CANS OF 16 OZ. EACH.

PACK OF CRAB MEAT, 1971

STATE AND NUMBER OF PLANTS	SPECIES	QUANTITY	VALUE
		STANDARD CASES	DOLLARS
ATLANTIC AND GULF STATES:			
MAINE (1), NORTH CAROLINA (1), SOUTH CAROLINA (1), AND MISSISSIPPI (2)	BLUE 1/	73,079	2,382,944
PACIFIC COAST STATES:			
OREGON (2) AND WASHINGTON (2).	DUNGENESS	12,337	529,602
ALASKA (9)	DUNGENESS	2,352	108,440
ALASKA (10).	KING	49,879	2,880,306
ALASKA (8)	SNOW	27,123	1,128,067
TOTAL, EXCLUSIVE OF DUPLICATION (18)		91,691	4,646,415
GRAND TOTAL (27)		164,770	7,029,359

1/ INCLUDES A SMALL PACK OF ROCK CRABS IN MAINE.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 CANS OF 6-1/2 OZ. EACH.

PACK OF CLAMS AND CLAM PRODUCTS, 1971

SPECIES	WHOLE AND MINCED		CHOWDER AND JUICE		TOTAL	
	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS	STANDARD CASES	DOLLARS
CLAMS:						
HARD, SOFT, AND SURF . . .	631.668	9,742,567	2,048,701	16,548,367	2,680,369	26,290,934
RAZOR.	2,783	53,345	-	-	2,783	53,345
TOTAL.	634,451	9,795,912	2,048,701	16,548,367	2,683,152	26,344,279

NOTE:--CLAMS WERE CANNED IN 7 PLANTS IN NEW JERSEY, 4 PLANTS IN ALASKA, 3 PLANTS EACH IN MARYLAND AND WASHINGTON, 2 PLANTS EACH IN MAINE AND NEW YORK, 1 PLANT EACH IN CONNECTICUT, DELAWARE, MASSACHUSETTS, OREGON AND PENNSYLVANIA.

"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 NO. 1 PICNIC CANS, EACH CAN OF WHOLE OR MINCED CLAMS CONTAINING 5 OZ. OF MEAT, DRAINED WEIGHT, AND EACH CAN OF CHOWDER, JUICE, BROTH, NECTAR, 10 OZ. NET CONTENT. THE PACK OF CLAMS IN THE SHELL IS NOT INCLUDED.

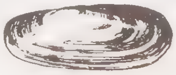
CLAM PRODUCTION, BY TYPE OF PACK, 1971

PRODUCTION AND NUMBER OF PLANTS	QUANTITY		VALUE
	STANDARD CASES	POUNDS	DOLLARS
CLAMS:			
WHOLE (4).	5,743	86,145	190,195
MINCED (13).	628,708	9,430,620	9,605,717
CHOWDER (13)	1,866,623	55,998,690	15,639,824
JUICE (INCLUDES BOUILLION, JUICE AND NECTAR)(8). .	182,078	5,462,340	908,543
TOTAL, EXCLUSIVE OF DUPLICATION (26)	2,683,152	70,977,795	26,344,279

PACK OF OYSTERS, 1971

STATE AND NUMBER OF PLANTS	QUANTITY	VALUE
	STANDARD CASES	DOLLARS
LOUISIANA (6), MISSISSIPPI (6), OREGON (1), SOUTH CAROLINA (2) AND WASHINGTON (3).	483,812	4,813,700

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 24 CANS OF 4-2/3 OZ. OF OYSTER MEATS.



RAZOR CLAM

PACK OF SHRIMP, 1971

STATE AND NUMBER OF PLANTS	QUANTITY	VALUE
	STANDARD CASES	DOLLARS
GULF STATES:		
TEXAS (1), LOUISIANA (12), AND MISSISSIPPI (10)	2,136,428	23,787,261
PACIFIC STATES:		
OREGON (4)	63,726	534,280
ALASKA (5)	1,110,231	9,325,962
TOTAL (9)	1,173,957	9,860,242
GRAND TOTAL (32)	3,310,385	[illegible]

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 24 CANS OF 4-1/2 OZ. OF SHRIMP MEATS.

PACK OF MISCELLANEOUS FISHERY PRODUCTS, 1971

PRODUCT	QUANTITY	VALUE	LOCATION AND NUMBER OF PLANTS
	STANDARD CASES	DOLLARS	
FISH:			
ANCHOVY PASTE	1,712	184,346	MARYLAND (1), MICHIGAN (1), AND NEW YORK (2)
GEFILTEFISH	280,940	5,969,074	NEW JERSEY (3) AND NEW YORK (1)
HERRING SPECIALTIES	55,765	944,292	MAINE (11)
SALMON, SMOKED	1,745	180,063	ALASKA (7), CALIFORNIA (1), OREGON (3), AND WASHINGTON (8)
STURGEON, SMOKED	422	38,338	OREGON (2) AND WASHINGTON (6)
TUNA SPECIALTIES, CREAMED, PASTES, SPREADS, SMOKED, WITH CHILI AND WITH NOODLES	48,490	1,130,787	CALIFORNIA (3), FLORIDA (1), MAINE (1), PENNSYLVANIA (2), AND WASHINGTON (2)
OTHER (ANCHOVIES, COD, HADDOCK, KING MACKEREL, POLLOCK, SALMON, SHAD, WAHOO AND WHITEFISH. ALL ARE NATURAL PACK OR IN SAUCES, OR ARE SMOKED, BITES, CHOWDERS, FLAKES, ETC.)	98,869	1,793,677	CALIFORNIA (1), FLORIDA (1), MAINE (2), MASSACHUSETTS (1), MICHIGAN (1), NEW JERSEY (4), OREGON (2), WASHINGTON (1), AND AMERICAN SAMOA (2).
TOTAL FISH	487,943	10,240,577	
SHELLFISH:			
CLAM SPECIALTIES (A LA KINGS, FRITTERS, DIPS, SPREADS, CRISPS, IN SHELL, SOUPS, BISQUES AND STEWS)	112,224	2,392,572	CONNECTICUT (1), DELAWARE (1), MAINE (2), MARYLAND (2), NEW JERSEY (3), AND WASHINGTON (2)
CRAB SPECIALTIES (DEVILED, DIPS, GUMBOS, SOUPS, SPREADS, AND NEWBURGS)	26,836	686,980	LOUISIANA (1), MAINE (1), MARYLAND (1), NEW JERSEY ([illegible]), SOUTH CAROLINA (1), AND WASHINGTON (2)
LOBSTER SPECIALTIES (DEVILED, DIPS, NEWBURGS, PASTE, CHOWDERS, MEAT, KNUCKLES, SOUPS, BISQUES, AND SAUCES)	12,206	358,079	CONNECTICUT (1), DELAWARE (1), MAINE (1), MARYLAND ([illegible]), MICHIGAN (1) AND NEW JERSEY (2)
OYSTER SPECIALTIES:			
SMOKED	342	31,372	WASHINGTON (4)
BISQUES, SOUPS AND STEWS	210,008	4,520,541	LOUISIANA ([illegible]), NEW JERSEY (2), OREGON (1), SOUTH CAROLINA (1), AND WASHINGTON (3)
SHRIMP SPECIALTIES (CREOLES, DIPS, GUMBOS, NEWBURGS, PASTES, CHOWDERS, SOUPS, AND PICKLED)	15,856	336,432	LOUISIANA ([illegible]), MAINE (1), MARYLAND (1), MICHIGAN ([illegible]), NEW JERSEY (1), AND OREGON (1)
SQUID	397,399	2,179,123	CALIFORNIA (5), NEW JERSEY (1), AND NEW YORK (1)
TURTLE MEAT, SOUPS AND CHOWDERS	4,108	118,967	FLORIDA (1), LOUISIANA (1), AND NEW JERSEY (1)
OTHER SPECIALTIES (CONCHS, CRAWFISH AND MUSSELS, EITHER PACKED NATURAL OR IN SAUCES, CHOWDERS, ETC.)	7,584	251,850	CONNECTICUT (1), FLORIDA (1), LOUISIANA (2), NEW JERSEY (1), AND NEW YORK (1)
TOTAL SHELLFISH	786,563	10,875,916	
GRAND TOTAL	1,274,506	21,116,493	

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 CANS TO THE CASE, EACH CONTAINING 16 OZ. NET WEIGHT.

INDUSTRIAL FISHERY PRODUCTS, 1971

The production of industrial fishery products by 128 plants in the United States, American Samoa, and Puerto Rico was valued at $106.6 million--a gain of $7.0 million compared with 1970.

Marine animal scrap and meal. The production of 292,812 tons of marine animal scrap and meal increased 23,615 tons (9 percent) compared with 1970. The gain was chiefly the result of the best production of menhaden meal since 1962. Menhaden meal (220,996 tons) was 17 percent more than in 1970 and accounted for 75 percent of the total meal and scrap production. Compared with 1970, the production of tuna and mackerel meal, thread herring meal, and unclassified meal increased moderately, but anchovy, crab, and sea herring meal declined.

Marine animal oil. The production of marine animal oil was 265.4 million pounds--28 percent more than in 1970. Principal reason for the increase was a record production of 244 million pounds of menhaden oil. Menhaden accounted for 92 percent of the total production. Compared with 1970, the production of anchovy oil declined. The production of sea herring and tuna and mackerel oil remained about the same as in the previous year.

Fish solubles. The production of fish solubles was 111,188 tons--an increase of 17 percent compared with 1970. Menhaden accounted for more than 82 percent of the production.

Other industrial products. Products from oyster shells were worth $4.1 million--compared with $3.4 million in 1970.

Other industrial items produced included agar-agar, animal feeds, fish feed pellets, Irish moss extracts, kelp products, leather products, liquid fertilizer, colored mussel chips, pearl essence, mussel shell lime, and crab and clam shells processed for serving food valued at $32 million. These products were valued at $26.6 million in 1970.

Data on the production of industrial fishery products during 1971 have been published previously in Current Fishery Statistics No. 5902.

GENERAL REVIEW

SUMMARY OF PRODUCTION, BY PRODUCTS, 1971

PRODUCTS	PLANTS	UNIT OF QUANTITY	QUANTITY	DOLLARS
	NUMBER			
MARINE ANIMAL SCRAP AND MEAL.	107	TONS	292,812	44.500.627
MARINE ANIMAL OILS , BODY OIL	63	THOUSAND POUNDS	265,450	20,830,507
FISH SOLUBLES	26	TONS	111,188	5,045,989
OYSTER SHELL GRIT & LIME ("LIVE AND REEF SHELLS")	6	TONS	228,605	4,128,422
MISCELLANEOUS INDUSTRIAL PRODUCTS . .	35	-	-	32,045,853
TOTAL.	1/128	-	-	106,551,398

1/ EXCLUSIVE OF DUPLICATION.

VALUE OF PRODUCTION, BY STATES, 1971

STATE	DOLLARS
MAINE	13,675,559
MASSACHUSETTS AND RHODE ISLAND. . . .	2,345,500
NEW JERSEY AND PENNSYLVANIA	2,031,000
MARYLAND.	1,229,302
VIRGINIA.	10,807,671
NORTH CAROLINA.	2,331,726
GEORGIA AND ALABAMA	2,014,982
FLORIDA	476,933
MISSISSIPPI	8,800,879
LOUISIANA	33,451,889
TEXAS, IOWA AND WISCONSIN	3,195,103
WASHINGTON.	2,110,519
OREGON.	[illegible]
CALIFORNIA.	1,46[illegible]
ALASKA.	[illegible]
AMERICAN SAMOA AND PUERTO RICO. . . .	[illegible],445,1[illegible]
TOTAL.	106,551,398

PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1971

AREA AND STATE	PLANTS	AREA AND STATE	PLANTS
	NUMBER		NUMBER
NEW ENGLAND:		SOUTH ATLANTIC AND GULF(CONTINUED):	
MAINE	10	MISSISSIPPI.	6
MASSACHUSETTS	2	LOUISIANA.	29
RHODE ISLAND.	1	TEXAS.	2
TOTAL	13	TOTAL	58
MIDDLE ATLANTIC:			
NEW JERSEY.	4	GREAT LAKES, WISCONSIN	1
PENNSYLVANIA.	1		
TOTAL	5	MISSISSIPPI RIVER, IOWA.	2
CHESAPEAKE:		PACIFIC COAST:	
		ALASKA	1
MARYLAND.	4	WASHINGTON	8
VIRGINIA.	8	OREGON	6
		CALIFORNIA	17
TOTAL.	12	TOTAL	32
SOUTH ATLANTIC AND GULF:			
NORTH CAROLINA.	15	AMERICAN SAMOA	2
GEORGIA	1	PUERTO RICO.	3
FLORIDA	3		
ALABAMA	2		
(CONTINUED)		GRAND TOTAL	128

NOTE:--LISTS OF MANUFACTURERS OF INDUSTRIAL FISHERY PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM U.S. DEPARTMENT OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE, STATISTICS AND MARKET NEWS DIVISION, 3300 WHITEHAVEN STREET, N.W., WASHINGTON, D.C. 20235.

NUMBER OF PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1971

PRODUCTS	ATLANTIC AND GULF COASTS 1/	PACIFIC COAST 2/	TOTAL
	- - - - - - - -	-NUMBER-	- - - - - - - -
SCRAP AND MEAL, DRIED:			
ALEWIFE	3	-	3
ANCHOVY	-	[illegible]	[illegible]
CARP	1	-	1
CRAB	11	3	14
GROUNDFISH	1	-	1
HAKE	-	1	1
HERRING, SEA	2		2
MENHADEN	25	-	[illegible]
MULLET	1	-	1
SALMON	-	1	1
SHRIMP	21	1	22
THREAD HERRING	6	-	[illegible]
TUNA AND MACKEREL	1	10	1
WHALE	-	1	[illegible]
UNCLASSIFIED	6	2	[illegible]
OIL:			
BODY:			
ALEWIFE	2	1	3
ANCHOVY	-	6	6
CARP	1	-	1
HAKE	-	1	1
HERRING, SEA	2	1	3
MENHADEN	24	-	24
SALMON	-	2	2
THREAD HERRING	7	-	7
TUNA AND MACKEREL	-	7	7
WHALE:			
SPERM	-	1	1
OTHER	-	1	1
UNCLASSIFIED (INCLUDING LIVER)	4	2	6
SHELL PRODUCTS:			
CLAM SHELLS PROCESSED FOR FOOD SERVING	1	-	1
CRAB SHELLS PROCESSED FOR FOOD SERVING	4	-	4
MARINE PEARL SHELL BUTTONS	2	-	2
MUSSEL CHIPS, COLORED (FRESH-WATER)	1	-	1
MUSSEL SHELL LIME (FRESH-WATER)	1	-	1
OYSTER SHELL:			
CRUSHED SHELL FOR POULTRY FEED	5	1	[illegible]
SHELL LIME (BURNED AND UNBURNED)	3	1	4
SEAWEED PRODUCTS:			
AGAR-AGAR	-	1	1
IRISH MOSS EXTRACTS	2	-	2
KELP PRODUCTS	-	3	3
MISCELLANEOUS:			
ANIMAL FEEDS	1	0	[illegible]
FISH FEED PELLETS	-	2	[illegible]
FISH SOLUBLES	22	4	[illegible]
LEATHER PRODUCTS	1	-	1
LIQUID FERTILIZER	-	1	1
PEARL ESSENCE	6	-	[illegible]
TOTAL EXCLUSIVE OF DUPLICATION	[illegible]	[illegible]	[illegible]

1/ INCLUDES FIRMS IN THE MISSISSIPPI RIVER AND GREAT LAKES AREA.

2/ INCLUDES AMERICAN SAMOA AND PUERTO RICO.

GENERAL REVIEW

PRODUCTION OF MARINE ANIMAL SCRAP AND MEAL, 1971

PRODUCTS	ATLANTIC AND GULF COASTS		PACIFIC COAST AND TERRITORIES		TOTAL	
	TONS	DOLLARS	TONS	DOLLARS	TONS	DOLLARS
DRIED SCRAP AND MEAL:						
ANCHOVY	-	-	7,718	1,195,465	7,718	1,195,465
CRAB	8,586	447,066	652	35,503	9,238	482,569
HERRING, SEA	1/ 5,163	1/ 855,685	26	4,285	5,189	859,970
MENHADEN	220,996	34,952,755	-	-	220,996	34,952,755
SHRIMP	1/ 701	1/ 38,483	-	-	701	38,483
THREAD HERRING	1,057	169,186	-	-	1,057	169,186
TUNA AND MACKEREL	-	-	2/ 29,287	2/3,705,977	29,287	3,705,977
WHALE	-	-	189	30,305	189	30,305
UNCLASSIFIED	3/ 15,612	3/2,703,019	2,825	362,898	18,437	3,065,917
TOTAL	252,115	39,166,194	[illegible]	[illegible]	[illegible]	[illegible]

1/INCLUDES QUANTITIES PRODUCED ON THE PACIFIC COAST. 2/ INCLUDES QUANTITIES PRODUCED ON THE ATLANTIC COAST.
3/ INCLUDES QUANTITIES PRODUCED IN THE GREAT LAKES AND MISSISSIPPI RIVER.

PRODUCTION OF MARINE ANIMAL OIL, 1971

PRODUCTS	ATLANTIC AND GULF COAST		PACIFIC COAST AND PUERTO RICO		TOTAL	
	THOUSAND POUNDS	DOLLARS	THOUSAND POUNDS	DOLLARS	THOUSAND POUNDS	DOLLARS
BODY OIL:						
ANCHOVY	-	-	3,169	175,702	3,169	175,702
HERRING, SEA	1/ 5,856	1/ 488,388	-	-	5,856	488,388
MENHADEN	244,040	19,248,564	-	-	244,040	19,248,564
THREAD HERRING	1,333	102,400	-	-	1,333	102,400
TUNA AND MACKEREL	-	-	4,933	255,233	4,933	255,233
WHALE:						
SPERM	-	-	344	34,419	344	34,419
OTHER	-	-	74	5,169	74	5,169
UNCLASSIFIED	2/4,380	2/441,515	1,321	79,117	5,701	520,632
TOTAL	255,609	20,280,867	9,841	549,640	265,450	20,830,507

1/ INCLUDES QUANTITIES PRODUCED ON THE PACIFIC COAST. 2/ INCLUDES QUANTITIES PRODUCED IN THE GREAT LAKES, MISSISSIPPI RIVER, AND UNCLASSIFIED LIVER OILS.
NOTE:--TO CONVERT POUNDS OF OIL TO GALLONS, DIVIDE BY 7.75.

PRODUCTION OF FISH SOLUBLES, 1971

PRODUCT, STATE, AND NUMBER OF PLANTS	[illegible]	DOLLARS
FISH SOLUBLES:		
MASSACHUSETTS (1) RHODE ISLAND (1) AND NEW JERSEY (1)	6,000	405,653
VIRGINIA (2) AND FLORIDA (1)	24,260	1,023,279
NORTH CAROLINA (3)	4,784	215,297
MISSISSIPPI (3)	14,303	572,040
LOUISIANA (9) AND TEXAS (1)	45,823	1,877,308
CALIFORNIA (3) AND OREGON (1)	16,018	952,412
TOTAL (26)	111,188	5,045,989

NOTE:--INCLUDES MENHADEN SOLUBLES.

PRODUCTION OF MENHADEN PRODUCTS, 1971

STATE AND NUMBER OF PLANTS	DRIED SCRAP AND MEAL		OIL		SOLUBLES		TOTAL
	TONS	DOLLARS	POUNDS	DOLLARS	TONS	DOLLARS	DOLLARS
RHODE ISLAND (1) NEW JERSEY(1), VIRGINIA (2) & FLORIDA (1). .	47,278	7,429,056	50,131,340	3,977,848	26,704	1,123,743	12,530,647
NORTH CAROLINA (8).	8,469	1,398,094	3,220,559	246,845	4,784	215,297	1,860,236
MISSISSIPPI (3)	31,722	5,169,825	34,010,208	2,691,264	14,303	572,040	8,433,129
LOUISIANA (9) AND TEXAS (1) . .	133,527	20,955,780	156,678,379	12,332,607	45,700	1,872,140	35,160,527
TOTAL (26)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTE:-- INCLUDES A SMALL QUANTITY MADE FROM OTHER SPECIES.

PRODUCTION OF OYSTER SHELL PRODUCTS, 1971

("LIVE AND REEF SHELLS")

STATE AND NUMBER OF PLANTS	POULTRY GRIT		LIME, BURNED AND UNBURNED		TOTAL	
	TONS	DOLLARS	TONS	DOLLARS	TONS	DOLLARS
PENNSYLVANIA (1), MARYLAND (1), VIRGINIA (1), ALABAMA (1), TEXAS(1), AND OREGON (1).	195,883	3,738,230	32,722	390,192	228,605	4,128,422

PRODUCTION OF MARINE PEARL SHELL BUTTONS, 1971

ONLY TWO PLANTS PRODUCED PEARL SHELL BUTTONS IN 1971. PRODUCTION OF MARINE SHELL BUTTONS HAS BEEN INCLUDED IN THE TABLE "PRODUCTION OF MISCELLANEOUS INDUSTRIAL FISHERY PRODUCTS."

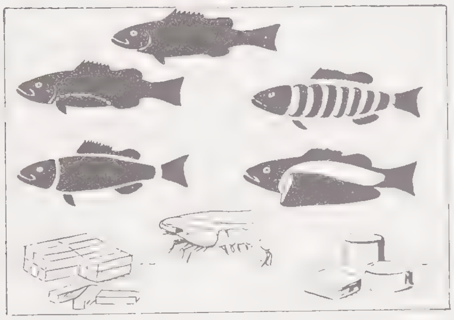
PRODUCTION OF MISCELLANEOUS INDUSTRIAL FISHERY PRODUCTS, 1971

PRODUCT	STATE AND NUMBER OF PLANTS	DOLLARS
AGAR-AGAR.	CALIFORNIA (1)	32,045,853
ANIMAL FEEDS AND FISH FEED PELLETS . .	CALIFORNIA (3), OREGON (4), VIRGINIA (1), WASHINGTON (4) AND ALASKA (1)	
CLAM AND CRAB SHELLS (PROCESSED FOR FOOD SERVING).	ALABAMA (1) MISSISSIPPI (3) AND NORTH CAROLINA (1)	
IRISH MOSS EXTRACTS.	MAINE (2)	
KELP PRODUCTS.	CALIFORNIA (3)	
LEATHER PRODUCTS	NEW JERSEY (1)	
LIQUID FERTILIZER.	CALIFORNIA (1)	
MARINE PEARL SHELL BUTTONS	NEW JERSEY (2)	
MUSSEL CHIPS COLORED	IOWA (1)	
MUSSEL SHELL LIME.	IOWA (1)	
PEARL ESSENCE.	MAINE (6)	

PACKAGED FISHERY PRODUCTS, 1971

The production of fresh and frozen packaged fish fillets and steaks in the United States, excluding Alaska and Hawaii, was 128.4 million pounds worth $75.4 million--a decline of 5.1 million pounds but an increase of $615,342 compared with 1970. Flounder fillets (38.3 million pounds), Atlantic ocean perch fillets (18.3 million), cod fillets and steaks (15.0 million), and sea herring fillets (13.7 million pounds) were the leading items. They accounted for 66 percent of the volume and 60 percent of the value. Halibut fillets and steaks, haddock fillets, and rockfish fillets were among the other important leading items. The New England area continued to lead all other areas in the production of packaged fish with 63 percent of the volume and 57 percent of the value.

Data on the production of packaged fish during 1971 have been published previously in Current Fishery Statistics No. 5908.



SUMMARY OF PRODUCTION OF PACKAGED FISH, 1971

ITEM	FILLETS		STEAKS		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FRESH.	67,593,263	48,530,954	1,007,375	785,513	68,600,638	49,316,467
FROZEN	50,072,406	18,653,993	9,719,119	7,474,798	59,791,525	26,128,791
TOTAL.	117,665,669	67,184,947	10,726,494	8,260,311	128,392,163	75,445,258

PRODUCTION OF FRESH AND FROZEN PACKAGED FISH, BY SECTIONS, 1971

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE, SOUTH ATLANTIC AND GULF	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD.	10,353,338	6,273,211	2,307,300	1,917,310	-	-
CUSK	483,766	239,509	-	-	-	-
FLOUNDERS.	25,740,867	19,409,117	3,078,480	3,084,615	2,618,885	1,578,182
GROUPERS	-	-	-	-	383,902	302,141
HADDOCK.	6,737,781	6,633,176	-	-	-	-
HAKE	384,963	131,406	35,000	22,425	-	-
HALIBUT.	1,396,355	1,243,723	-	-	-	-
HERRING, SEA	13,712,940	1,943,970	-	-	-	-
KING MACKEREL.	-	-	-	-	53,954	32,282
OCEAN PERCH, ATLANTIC.	18,342,979	6,074,903	-	-	-	-
POLLOCK.	2,853,835	1,001,535	-	-	-	-
SALMON	88,987	96,102	-	-	-	-
SEA TROUT.	-	-	-	-	4,505	4,375
SHAD	25,000	62,500	-	-	-	-
SNAPPER, RED	-	-	-	-	174,349	319,894
SPANISH MACKEREL . . .	-	-	-	-	2,709,368	1,561,898
WHITING.	482,241	154,211	-	-	-	-
WOLFFISH	212,319	93,122	-	-	-	-
UNCLASSIFIED	500	250	35,500	29,190	322,530	157,499
TOTAL.	80,815,871	43,356,735	5,456,280	5,053,540	6,267,493	3,956,271

SPECIES	GREAT LAKES AND MISSISSIPPI RIVER		PACIFIC COAST	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH.	146,330	59,254	-	-
CARP	2,207,130	723,181	-	-
CATFISH.	132,125	105,244	-	-
COD.	-	-	2,309,404	953,334
FLOUNDERS.	-	-	6,886,577	3,977,578
HALIBUT.	-	-	7,325,453	5,628,865
HERRING, LAKE.	7,790	4,343	-	-
LAKE TROUT	149,265	175,830	-	-
LINGCOD.	-	-	1,116,906	464,654
OCEAN PERCH, PACIFIC .	-	-	2,928,045	1,216,965
PIKE OR PICKEREL . . .	46,936	22,576	-	-
ROCKFISHES	-	-	5,246,815	2,108,002
SABLEFISH.	-	-	179,456	65,302
SALMON	46,025	43,880	2,362,198	2,169,676
SAUGER	99,463	160,008	-	-
SEA BASS	-	-	146,900	71,093
WHITEFISH.	929,573	1,064,772	-	-
YELLOW PERCH	2,153,610	2,542,614	-	-
YELLOW PIKE.	604,584	896,992	-	-
UNCLASSIFIED	633,625	535,625	194,309	88,924
TOTAL.	7,156,456	6,334,319	28,696,063	16,744,393

GENERAL REVIEW

PRODUCTION OF PACKAGED FISH, BY METHOD OF PREPARATION, 1971

SPECIES	FILLETS			
	FRESH		FROZEN	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	146,330	59,254	-	-
CARP	2,207,130	723,181	-	-
CATFISH	132,125	105,244	-	-
COD	10,520,404	6,813,178	3,811,690	2,113,344
CUSK	483,766	239,509	-	-
FLOUNDERS	34,808,512	25,942,577	3,516,297	2,106,915
GROUPERS	79,800	75,940	293,902	218,935
HADDOCK	6,207,317	6,275,988	530,464	357,188
HAKE	137,868	64,262	282,095	89,569
HALIBUT	33,984	19,739	1,058,413	915,676
HERRING:				
LAKE	7,790	4,343	-	-
SEA	-	-	13,712,940	1,943,970
LAKE TROUT	129,465	151,780	19,800	24,050
LINGCOD	741,550	300,126	375,356	164,528
OCEAN PERCH:				
ATLANTIC	927,033	363,671	17,415,946	5,711,232
PACIFIC	1,489,525	597,384	1,438,520	619,581
PIKE OR PICKEREL	46,936	22,576	-	-
POLLOCK	1,441,377	563,042	1,266,665	400,782
ROCKFISHES	3,912,982	1,552,368	1,333,833	555,634
SABLEFISH	179,456	65,302	-	-
SALMON	-	-	441,167	426,000
SAUGER	99,463	160,008	-	-
SEA BASS	146,900	71,093	-	-
SEA TROUT	-	-	4,505	4,375
SHAD	25,000	62,500	-	-
SNAPPER, RED	32,590	55,274	141,759	264,620
SPANISH MACKEREL	-	-	2,709,368	1,561,898
WHITEFISH	878,885	1,012,527	50,688	52,245
WHITING	-	-	482,241	154,211
WOLFFISH	59,928	21,976	152,391	71,146
YELLOW PERCH	1,726,454	2,064,931	427,156	477,683
YELLOW PIKE	459,084	700,967	145,500	196,025
UNCLASSIFIED	531,609	442,214	461,710	224,386
TOTAL	67,593,263	48,530,954	50,072,406	18,653,993

SPECIES	STEAKS, FRESH AND FROZEN		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	-	-	146,330	59,254
CARP	-	-	2,207,130	723,181
CATFISH	-	-	132,125	105,244
COD	637,948	217,333	14,970,042	9,143,855
CUSK	-	-	483,766	239,509
FLOUNDERS	-	-	38,324,809	28,049,492
GROUPERS	10,200	7,266	383,902	302,141
HADDOCK	-	-	6,737,781	6,633,176
HAKE	-	-	419,963	153,831
HALIBUT	7,629,411	5,937,173	8,721,808	6,872,588
HERRING:				
LAKE	-	-	7,790	4,343
SEA	-	-	13,712,940	1,943,970
KING MACKEREL	53,954	32,282	53,954	32,282
LAKE TROUT	-	-	149,265	175,830
LINGCOD	-	-	1,116,906	464,654
OCEAN PERCH:				
ATLANTIC	-	-	18,342,979	6,074,903
PACIFIC	-	-	2,928,045	1,216,965
PIKE OR PICKEREL	-	-	46,936	22,576
POLLOCK	145,793	37,711	2,853,835	1,001,535
ROCKFISHES	-	-	5,246,815	2,108,002
SABLEFISH	-	-	179,456	65,302
SALMON	2,056,043	1,883,658	2,497,210	2,309,658
SAUGER	-	-	99,463	160,008
SEA BASS	-	-	146,900	71,093
SEA TROUT	-	-	4,505	4,375
SHAD	-	-	25,000	62,500
SNAPPER, RED	-	-	174,349	319,894
SPANISH MACKEREL	-	-	2,709,368	1,561,898
WHITEFISH	-	-	929,573	1,064,772
WHITING	-	-	482,241	154,211
WOLFFISH	-	-	212,319	93,122
YELLOW PERCH	-	-	2,153,610	2,542,614
YELLOW PIKE	-	-	604,584	896,992
UNCLASSIFIED	193,145	144,888	1,186,464	811,488
TOTAL	10,726,494	8,260,311	128,392,163	75,445,258

PRODUCTION OF FISH STICKS, 1971

MONTH	COOKED	RAW	TOTAL
	THOUSAND POUNDS		
JANUARY	7,454	213	7,667
FEBRUARY	7,477	228	7,705
MARCH	10,512	379	10,891
APRIL	7,884	325	8,209
MAY	6,969	253	7,222
JUNE	7,423	425	7,848
JULY	5,828	292	6,120
AUGUST	7,810	440	8,250
SEPTEMBER	8,857	335	9,192
OCTOBER	8,621	309	8,930
NOVEMBER	7,873	348	8,221
DECEMBER	7,255	267	7,522
TOTAL	93,963	3,814	97,777
	THOUSAND DOLLARS		
TOTAL VALUE-YEAR	54,781	2,026	56,807

NOTE:--A FISH STICK, GENERALLY CUT FROM A BLOCK OF FILLETS, IS AN ELONGATED PIECE OF BREADED FISH FLESH WEIGHING NOT LESS THAN 3/4 OF AN OUNCE AND NOT MORE THAN 1 1/2 OUNCES WITH THE LARGEST DIMENSION AT LEAST THREE TIMES THAT OF THE NEXT LARGEST DIMENSION.

PRODUCTION OF FISH PORTIONS, 1971

MONTH	BREADED			UNBREADED	TOTAL
	COOKED	RAW	TOTAL		
	THOUSAND POUNDS				
JANUARY	6,756	11,763	18,519	1,123	19,642
FEBRUARY	4,937	9,403	14,340	745	15,085
MARCH	8,556	14,100	22,656	1,834	24,490
APRIL	7,274	11,558	18,832	1,225	20,057
MAY	5,146	12,839	17,985	804	18,789
JUNE	5,327	12,594	17,921	747	18,668
JULY	3,896	9,283	13,179	817	13,996
AUGUST	8,504	13,056	21,560	780	22,340
SEPTEMBER	10,131	14,226	24,357	1,059	25,416
OCTOBER	11,125	12,527	23,652	794	24,446
NOVEMBER	7,658	11,409	19,067	822	19,889
DECEMBER	6,713	9,577	16,290	1,088	17,378
TOTAL	86,023	142,335	228,358	11,838	240,196
	THOUSAND DOLLARS				
TOTAL VALUE-YEAR	46,387	70,316	116,693	6,443	123,136

NOTE:--A FISH PORTION, GENERALLY CUT FROM A BLOCK OF FILLETS, IS A PIECE OF FISH FLESH GENERALLY OF UNIFORM SIZE WITH A THICKNESS OF 3/8 OF AN INCH OR MORE, AND DOES NOT CONFORM TO THE DEFINITION OF A FISH STICK.

FROZEN FISHERY TRADE, 1971

The 1971 production of frozen fish and shellfish by firms reporting to NMFS was 362 million pounds. Leading products frozen were shrimp (146.7 million pounds); bait and animal food (47.7); fillets and steaks consisting principally of ocean perch, haddock, pollock, flounder, halibut, and cod (26.0); salmon (19.5); and halibut (16.4 million pounds). An estimated 557.2 million pounds of fish and shellfish (live weight) were required to produce the 362.0 million pounds of frozen fishery items. Not included were freezings by cold storage plants not reporting to NMFS and a considerable volume of frozen fillets and steaks produced by firms operating plate freezers at the end of fillet production lines.

The South Central area led all others in freezings with 118.0 million pounds (33 percent of the total); followed by New England with 100.5 million (28 percent); South Atlantic, 58.9 million (16 percent); Pacific, 44.1 million (12 percent); and Alaska, 37.4 million pounds (10 percent). The Middle Atlantic and North Central, East accounted for the remainder.

Information on the freezings and holdings of fishery products for 1971 by firms supplying monthly data on their operations and a list of these firms were published previously in Current Fishery Statistics No. 5906. Data on freezings and holdings were also published in preliminary and final monthly reports "Frozen Fishery Products"--also in the Current Fishery Statistics Series.

COLD STORAGE WAREHOUSE

GENERAL REVIEW

SUMMARY OF FREEZINGS, BY MONTHS, 1971

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
FISH	- - - - - - - - - - -	- - - -	THOUSAND POUNDS	- - - -	- - - -	- - - -
SALT-WATER:						
BLOCKS AND SLABS:						
COD	-	41	26	489	62	48
FLOUNDER	-	1	-	3	4	28
HADDOCK	-	-	-	-	-	9
UNCLASSIFIED 1/	78	36	73	296	435	372
TOTAL BLOCKS AND SLABS	78	78	99	788	501	457
FILLETS AND STEAKS:						
COD	21	35	38	53	119	82
FLOUNDER	91	18	86	42	90	102
HADDOCK	78	144	145	157	152	100
HALIBUT	-	-	-	14	83	182
OCEAN PERCH	486	768	1,237	1,499	1,704	1,731
POLLOCK	288	34	4	12	44	9
SALMON	-	-	-	3	-	-
WHITING	-	-	-	-	-	64
UNCLASSIFIED	13	33	60	83	389	375
TOTAL FILLETS AND STEAKS	977	1,032	1,570	1,863	2,581	2,645
ROUND, DRESSED, ETC.:						
HALIBUT	-	-	-	274	2,793	4,563
SABLEFISH	10	34	26	26	20	69
SALMON:						
KING OR CHINOOK	-	1	19	12	563	1,645
SILVER OR COHO	-	-	1	39	103	604
UNCLASSIFIED	-	27	7	14	-	187
TOTAL SALMON	-	28	27	65	666	2,436
WHITING, HEADED AND GUTTED	-	-	-	2	1	487
UNCLASSIFIED (EXCEPT BAIT)	4,604	4,783	6,026	4,966	4,205	5,054
TOTAL SALT-WATER FISH	5,669	5,955	7,748	7,984	10,767	15,711
FRESH-WATER:						
FILLETS AND STEAKS	-	-	-	-	9	9
ROUND, DRESSED, ETC.:						
CHUBS	-	-	-	-	-	15
TROUT	67	83	74	88	100	97
WHITEFISH	-	-	-	-	1	1
UNCLASSIFIED (EXCEPT BAIT)	3	-	11	-	-	-
TOTAL FRESH-WATER FISH	70	83	85	88	110	122
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER SPECIES)	3,780	2,447	4,451	3,982	4,022	5,038
SHELLFISH						
CRABS (INCLUDING CRAB MEAT):						
DUNGENESS	22	169	388	85	48	74
KING	237	312	186	53	4	2
UNCLASSIFIED	51	221	156	437	324	175
TOTAL CRABS	310	702	730	575	376	251
LOBSTERS:						
SPINY (TAILS)	61	14	31	23	14	3
OTHER (WHOLE AND MEAT)	-	24	67	-	3	15
TOTAL LOBSTERS	61	38	98	23	17	18
OYSTER MEATS	100	254	377	553	529	240
SCALLOP MEATS	85	108	49	89	83	152
SHRIMP:						
RAW, HEADLESS	2,030	1,708	2,042	1,602	2,635	4,604
BREADED	3,911	5,723	5,890	4,954	4,440	5,507
PEELED (INCLUDING DEVEINED)	1,623	1,862	2,031	1,535	1,925	1,625
UNCLASSIFIED	1,651	997	782	564	500	420
TOTAL SHRIMP	9,215	10,290	10,745	8,655	9,500	12,156
SQUID	607	319	71	116	360	644
UNCLASSIFIED SHELLFISH	709	419	448	373	486	402
TOTAL SHELLFISH	11,087	12,130	12,518	10,384	11,351	13,863
TOTAL FISH AND SHELLFISH	20,606	20,615	24,802	22,438	26,250	34,734

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FREEZINGS, BY MONTHS, 1971 - Continued

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH	- - - - - - - -	- - - - - - - -	- - - - - - - -	THOUSAND	POUNDS	- - - - - - - -	- - - - -
SALT-WATER:							
BLOCKS AND SLABS:							
COD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FLOUNDER	[illegible]	-	14	[illegible]	1	[illegible]	[illegible]
HADDOCK	[illegible]	-	-	-	-	-	[illegible]
UNCLASSIFIED 1/	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL BLOCKS AND SLABS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]
FILLETS AND STEAKS:							
COD	94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FLOUNDER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94	[illegible]
HADDOCK	[illegible]	11	[illegible]	17	[illegible]	[illegible]	[illegible]
HALIBUT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]
OCEAN PERCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
POLLOCK	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SALMON	-	-	[illegible]	-	-	-	[illegible]
WHITING	[illegible]	42	[illegible]	[illegible]	[illegible]		[illegible]
UNCLASSIFIED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]
TOTAL FILLETS AND STEAKS	2,744	[illegible]	[illegible]	1,542	[illegible]	[illegible]	[illegible]
ROUND, DRESSED, ETC.:							
HALIBUT	[illegible]	2,051	[illegible]	1,162	[illegible]	-	[illegible]
SABLEFISH	[illegible]	145	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SALMON:							
KING OR CHINOOK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SILVER OR COHO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	[illegible]
UNCLASSIFIED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL SALMON	4,242	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHITING, HEADED AND GUTTED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
UNCLASSIFIED (EXCEPT BAIT)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL SALT-WATER FISH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FRESH-WATER:							
FILLETS AND STEAKS	[illegible]	-	-	-	-	-	[illegible]
ROUND, DRESSED, ETC.:							
CHUBS	1	1	-	-	-	[illegible]	[illegible]
TROUT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHITEFISH	[illegible]	-	-	-	-	-	[illegible]
UNCLASSIFIED (EXCEPT BAIT)	21	4	1	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL FRESH-WATER FISH	142	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER SPECIES)	[illegible]	4,013	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SHELLFISH							
CRABS (INCLUDING CRAB MEAT):							
DUNGENESS	1	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
UNCLASSIFIED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL CRABS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LOBSTERS:							
SPINY (TAILS)	[illegible]	14	[illegible]	[illegible]	[illegible]	21	[illegible]
OTHER (WHOLE AND MEAT)	[illegible]	-	[illegible]	-	4	2	122
TOTAL LOBSTERS	[illegible]	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OYSTER MEATS	[illegible]	[illegible]	1	[illegible]	[illegible]	12	[illegible]
SCALLOP MEATS	[illegible]	[illegible]	[illegible]	114	[illegible]	110	[illegible]
SHRIMP:							
RAW, HEADLESS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BREADED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PEELED (INCLUDING DEVEINED)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
UNCLASSIFIED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	520	[illegible]
TOTAL SHRIMP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SQUID	[illegible]	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
UNCLASSIFIED SHELLFISH	[illegible]	[illegible]	[illegible]	[illegible]	31	[illegible]	[illegible]
TOTAL SHELLFISH	[illegible]	17,419	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL FISH AND SHELLFISH	37,918	43,981	43,305	33,164	30,740	23,455	362,008

1/ UNCLASSIFIED BLOCKS MAY ALSO CONTAIN COD, FLOUNDER, AND HADDOCK BLOCKS.

NOTE:--THERE WERE NO FREEZINGS OF SWORDFISH DURING 1971. PRODUCTION OF FISH FROZEN ON UNITED STATES FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS REPORT.

SUMMARY OF FREEZINGS, BY SECTIONS, 1971

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
FISH	THOUSAND POUNDS				
SALT-WATER:					
BLOCKS AND SLABS:					
COD	658	1	29	-	-
FLOUNDER	50	-	169	-	-
HADDOCK	11	-	-	-	-
UNCLASSIFIED 1/	5,171	-	80	-	-
TOTAL BLOCKS AND SLABS	5,890	1	278	-	-
FILLETS AND STEAKS:					
COD	536	3	-	-	-
FLOUNDER	876	-	-	-	-
HADDOCK	1,482	1	-	-	-
OCEAN PERCH	14,570	-	155	-	-
POLLOCK	983	-	-	-	-
WHITING	326	2	-	-	-
UNCLASSIFIED	3,744	-	168	-	-
TOTAL FILLETS AND STEAKS	22,517	6	323	-	-
ROUND, DRESSED, ETC.:					
WHITING, HEADED AND GUTTED	8,622	2	-	-	-
UNCLASSIFIED (EXCEPT BAIT)	48,646	635	11,590	-	-
TOTAL SALT-WATER FISH	85,675	644	12,191	-	-
FRESH-WATER:					
FILLETS AND STEAKS	-	-	-	27	-
ROUND, DRESSED, ETC.:					
CHUBS	-	1	-	23	-
TROUT	-	-	9	10	-
WHITEFISH	-	-	-	3	-
UNCLASSIFIED (EXCEPT BAIT)	-	44	3	1	-
TOTAL FRESH-WATER FISH	-	45	12	64	-
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER SPECIES)	11,935	284	1,396	1,302	-
SHELLFISH					
CRABS (INCLUDING CRAB MEAT), UNCLASSIFIED	7	-	106	-	-
LOBSTERS:					
SPINY (TAILS)	2	-	219	-	-
OTHER (WHOLE AND MEAT)	31	-	91	-	-
TOTAL LOBSTERS	33	-	310	-	-
OYSTER MEATS	-	-	1,967	-	-
SCALLOP MEATS	18	68	876	-	-
SHRIMP:					
RAW, HEADLESS	310	29	4,654	-	-
BREADED	584	-	23,307	-	-
PEELED (INCLUDING DEVEINED)	6	-	10,360	-	-
UNCLASSIFIED	548	-	937	-	-
TOTAL SHRIMP	1,448	29	39,258	-	-
SQUID	58	369	70	-	-
UNCLASSIFIED SHELLFISH	1,348	352	2,698	-	-
TOTAL SHELLFISH	2,912	818	45,285	-	-
TOTAL FISH AND SHELLFISH	100,522	1,791	58,884	1,366	-

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
FISH	THOUSAND POUNDS			
SALT-WATER:				
BLOCKS AND SLABS:				
COD	-	295	-	983
FLOUNDER	3	3	-	225
HADDOCK	-	-	-	11
UNCLASSIFIED 1/	7	7	-	5,265
TOTAL BLOCKS AND SLABS	10	305	-	6,484
FILLETS AND STEAKS:				
COD	-	195	-	734
FLOUNDER	5	99	-	980
HADDOCK	-	-	-	1,483
HALIBUT	-	96	792	888
OCEAN PERCH	-	634	-	15,359

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FREEZINGS, BY SECTIONS, 1971 - Continued

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	THOUSAND POUNDS			
FISH - CONTINUED				
SALT-WATER - CONTINUED:				
FILLETS AND STEAKS - CONTINUED:				
POLLOCK	-	-	-	[illegible]
SALMON	-	[illegible]	-	[illegible]
WHITING	-	-	-	[illegible]
UNCLASSIFIED	2	1,[illegible]	1	[illegible]
TOTAL FILLETS AND STEAKS	[illegible]	[illegible]	[illegible]	[illegible]
ROUND, DRESSED, ETC.:				
HALIBUT	-	2,1[illegible]	14,1[illegible]	1[illegible]
SABLEFISH	-	[illegible]	[illegible]	[illegible]
SALMON:				
KING OR CHINOOK	-	[illegible]	[illegible]	[illegible]
SILVER OR COHO	-	[illegible]	[illegible]	[illegible]
UNCLASSIFIED	-	1,[illegible]	[illegible]	[illegible]
TOTAL SALMON	-	[illegible]	[illegible]	1[illegible]
WHITING, HEADED AND GUTTED	-	-	-	[illegible]
UNCLASSIFIED (EXCEPT BAIT)	2,[illegible]	[illegible],012	[illegible]	[illegible]
TOTAL SALT-WATER FISH	2,[illegible]	2[illegible],[illegible]2	2[illegible],[illegible]	[illegible]
FRESH-WATER:				
FILLETS AND STEAKS	-	-	-	2
ROUND, DRESSED, ETC.:				
CHUBS	-	-	-	24
TROUT		1,[illegible]	1	1,[illegible]
WHITEFISH	-	-	-	[illegible]
UNCLASSIFIED (EXCEPT BAIT)	1[illegible]	[illegible]	-	[illegible]
TOTAL FRESH-WATER FISH	14	1,[illegible]1	1	1,[illegible]
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER SPECIES)	10,085	18,587	4,075	47,664
SHELLFISH				
CRABS (INCLUDING CRAB MEAT):				
DUNGENESS	-	[illegible]	1	[illegible]
KING	-	[illegible]	[illegible]	1,[illegible]
UNCLASSIFIED	1	-	[illegible]	1,[illegible]
TOTAL CRABS	4	[illegible]	[illegible]	[illegible]
LOBSTERS:				
SPINY (TAILS)	[illegible]	-	-	[illegible]
OTHER (WHOLE AND MEAT)	-	-	-	[illegible]
TOTAL LOBSTERS	[illegible]	-	-	[illegible]
OYSTER MEATS	[illegible]	112	-	2,[illegible]
SCALLOP MEATS	-	[illegible]	[illegible]	1,21[illegible]
SHRIMP:				
RAW, HEADLESS	[illegible]	[illegible]	[illegible]	[illegible]
BREADED	[illegible]	-	-	[illegible]
PEELED (INCLUDING DEVEINED)	11,[illegible]	[illegible]	[illegible]	[illegible]
UNCLASSIFIED	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL SHRIMP	[illegible]	[illegible]	1,[illegible]	[illegible]
SQUID	-	2,[illegible]	-	[illegible]
UNCLASSIFIED SHELLFISH	-	[illegible]	11	4,[illegible]
TOTAL SHELLFISH	105,058	3,[illegible]	[illegible]	[illegible]
TOTAL FISH AND SHELLFISH	[illegible]	44,[illegible]	[illegible]	[illegible]

1/ UNCLASSIFIED BLOCKS MAY ALSO CONTAIN COD, FLOUNDER, AND HADDOCK BLOCKS.

NOTE:--THERE WERE NO FREEZINGS OF SWORDFISH DURING 1971. PRODUCTION OF FISH FROZEN ON UNITED STATES FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS REPORT. THE NUMBER (IN PARENTHESES) OF PUBLIC AND PRIVATE COLD STORAGE WAREHOUSES REPORTING IN 1971 TO THE NATIONAL MARINE FISHERIES SERVICE AND THE STATES IN EACH SECTION WERE AS FOLLOWS:

NEW ENGLAND (40)--MAINE, MASSACHUSETTS, RHODE ISLAND, CONNECTICUT, AND NEW HAMPSHIRE.
MIDDLE ATLANTIC (36)--NEW YORK, NEW JERSEY, DELAWARE, AND PENNSYLVANIA.
SOUTH ATLANTIC (39)--MARYLAND, DISTRICT OF COLUMBIA, VIRGINIA, NORTH CAROLINA, GEORGIA, AND FLORIDA.
NORTH CENTRAL, EAST (31)--OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.
NORTH CENTRAL, WEST (28)--MINNESOTA, IOWA, MISSOURI, NORTH DAKOTA, NEBRASKA, AND KANSAS.
SOUTH CENTRAL (55)--KENTUCKY, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, AND OKLAHOMA.
PACIFIC (51)--COLORADO, UTAH, ARIZONA, IDAHO, WASHINGTON, OREGON, AND CALIFORNIA.
ALASKA (16).

SUMMARY OF FREEZINGS, BY SECTIONS AND MONTHS, 1971

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST
	THOUSAND POUNDS			
JANUARY	4,626	-	5,074	-
FEBRUARY	4,811	1	4,253	-
MARCH	8,127	11	4,957	-
APRIL	7,430	52	4,612	1
MAY	6,588	205	5,128	12
JUNE	8,204	22	4,060	28
JULY	12,488	260	4,515	12
AUGUST	12,829	477	5,422	6
SEPTEMBER	12,458	108	5,612	1,003
OCTOBER	7,760	325	5,590	150
NOVEMBER	8,923	302	4,516	150
DECEMBER	6,278	28	5,145	4
TOTAL	100,522	1,791	58,884	1,366

MONTH	NORTH CENTRAL, WEST	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	THOUSAND POUNDS				
JANUARY	-	7,245	2,194	1,467	20,606
FEBRUARY	-	7,702	3,114	734	20,615
MARCH	-	7,919	2,453	1,335	24,802
APRIL	-	7,022	2,514	807	22,438
MAY	-	7,085	3,352	3,880	26,250
JUNE	-	10,817	5,215	6,388	34,734
JULY	-	10,466	4,565	5,612	37,918
AUGUST	-	13,230	6,914	5,103	43,981
SEPTEMBER	-	11,950	6,101	6,073	43,305
OCTOBER	-	13,485	3,047	2,807	33,164
NOVEMBER	-	11,840	2,986	2,023	30,740
DECEMBER	-	9,207	1,596	1,197	23,455
TOTAL	-	117,968	44,051	37,426	362,008

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGE 77.

FROZEN FOODS

COLD STORAGE HOLDINGS OF FROZEN FISHERY PRODUCTS, 1971

Holdings of frozen fishery products were highest on September 30, when 337.7 million pounds were in storage. The October 31 holdings of 333.1 million pounds were second highest, followed by the November 30 holdings of 314.2 million pounds. Holdings were lowest April 30, when they totaled only 195.6 million pounds.

GENERAL REVIEW

SUMMARY OF HOLDINGS, BY MONTHS, 1971

SPECIES	JANUARY 31	FEBRUARY 28	MARCH 31	APRIL 30	MAY 31	JUNE 30
FISH	- - - - - - - -	- - - - - - - -	THOUSAND POUNDS	- - - - - - - -	- - - - - - - -	- - - - - - - -
SALT-WATER:						
BLOCKS AND SLABS:						
COD	11,213	10,522	9,535	17,544	17,445	21,061
FLOUNDER	393	317	431	411	803	578
HADDOCK	927	902	920	1,395	2,251	1,897
UNCLASSIFIED 1/	11,413	8,429	4,816	4,362	7,391	12,909
TOTAL BLOCKS AND SLABS	23,946	20,170	15,702	23,712	27,890	36,445
FILLETS AND STEAKS:						
COD	6,903	7,015	6,224	8,487	9,393	10,440
FLOUNDER	14,615	11,516	9,180	7,706	7,576	8,595
HADDOCK	5,928	6,338	6,566	6,455	7,064	7,876
HALIBUT	1,997	1,684	1,493	1,306	1,184	1,214
OCEAN PERCH	17,517	15,091	10,747	8,541	7,553	8,600
POLLOCK	1,106	1,002	825	726	602	568
SALMON	1,098	521	568	540	511	492
WHITING	2,634	2,247	1,960	1,879	1,533	1,319
UNCLASSIFIED	11,781	10,420	9,082	5,589	5,546	6,922
TOTAL FILLETS AND STEAKS	63,579	56,034	46,645	41,229	40,962	46,026
FISH STICKS AND PORTIONS (COOKED AND UNCOOKED, ALL SPECIES)	22,277	19,247	15,030	13,054	18,526	19,027
ROUND, DRESSED, ETC.:						
HALIBUT	8,902	7,918	4,420	3,363	4,244	9,611
SABLEFISH	872	933	737	659	679	642
SALMON:						
KING OR CHINOOK	6,921	6,658	5,875	4,979	5,457	8,182
SILVER OR COHO	7,856	5,928	4,712	3,535	2,672	2,827
UNCLASSIFIED	4,552	4,124	1,448	1,144	1,081	1,382
TOTAL SALMON	19,329	16,710	12,035	9,658	9,210	12,391
SWORDFISH	2,526	2,285	2,002	1,269	1,097	884
WHITING, HEADED AND GUTTED	9,696	8,344	6,094	4,770	3,760	3,659
UNCLASSIFIED (EXCEPT BAIT)	12,496	10,169	9,524	10,624	8,511	9,541
TOTAL SALT-WATER FISH	163,023	141,810	112,189	108,338	114,879	138,426
FRESH-WATER:						
FILLETS AND STEAKS	879	822	728	604	575	926
ROUND, DRESSED, ETC.:						
CHUBS	354	335	275	244	225	279
TROUT	1,001	1,047	1,126	1,233	1,099	1,368
WHITEFISH	767	717	853	819	815	891
UNCLASSIFIED (EXCEPT BAIT)	3,749	3,392	3,253	2,928	2,994	3,170
TOTAL FRESH-WATER FISH	6,750	6,313	6,235	5,828	5,708	6,634
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER SPECIES)	12,960	14,247	14,865	13,419	14,157	15,338
SHELLFISH						
CRABS (INCLUDING CRAB MEAT):						
DUNGENESS	1,981	2,075	2,920	2,820	2,670	2,713
KING	4,549	5,052	4,670	4,656	3,614	3,333
UNCLASSIFIED	865	881	754	905	1,033	586
TOTAL CRABS	7,395	8,008	8,344	8,381	7,317	6,632
LOBSTERS:						
SPINY (TAILS)	3,895	3,563	3,326	3,037	3,131	3,276
OTHER (WHOLE AND MEAT)	526	540	695	658	664	799
TOTAL LOBSTERS	4,421	4,103	4,021	3,695	3,795	4,075
OYSTER MEATS	871	791	1,127	1,223	1,555	1,668
SCALLOP MEATS	2,310	1,975	1,561	1,463	1,205	1,478
SHRIMP:						
RAW, HEADLESS	37,325	35,158	29,756	23,869	20,580	22,961
BREADED	8,974	7,661	7,488	7,252	7,287	8,336
PEELED (INCLUDING DEVEINED)	14,673	13,724	12,057	11,011	10,746	12,787
UNCLASSIFIED	8,833	6,775	5,797	5,161	4,740	3,203
TOTAL SHRIMP	69,805	63,318	55,098	47,293	43,353	47,287
SQUID	1,692	1,292	1,725	1,533	1,907	3,646
UNCLASSIFIED SHELLFISH	4,883	5,088	4,550	4,421	4,484	5,424
TOTAL SHELLFISH	91,377	84,575	76,426	68,009	63,616	70,210
TOTAL FISH AND SHELLFISH	274,710	246,945	209,715	195,594	198,360	230,608
CURED FISH						
HERRING, SALTED	6,121	6,727	8,077	10,335	10,276	10,768
SALMON, MILD-CURED	2,163	2,052	1,432	1,507	1,555	1,398
OTHER SALTED	2,058	289	235	232	354	294
SMOKED FISH	357	266	296	226	202	244
TOTAL CURED FISH	10,699	9,334	10,040	12,300	12,387	12,724

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

SUMMARY OF HOLDINGS, BY MONTHS, 1971 - Continued

SPECIES	JULY 31	AUGUST 31	SEPTEMBER 30	OCTOBER 31	NOVEMBER 30	DECEMBER 31
FISH	THOUSAND POUNDS					
SALT-WATER:						
BLOCKS AND SLABS:						
COD	34,221	35,316	38,094	35,872	28,147	[illegible]
FLOUNDER	843	849	807	611	608	[illegible]
HADDOCK	3,372	3,714	5,448	6,635	7,331	[illegible]
UNCLASSIFIED 1/	20,427	24,551	31,435	32,455	27,104	[illegible]
TOTAL BLOCKS AND SLABS	58,863	64,430	75,784	75,573	63,190	[illegible]
FILLETS AND STEAKS:						
COD	12,125	12,611	14,575	11,688	9,230	[illegible]
FLOUNDER	9,518	10,575	10,753	9,131	10,056	[illegible]
HADDOCK	8,734	8,615	9,109	9,305	8,393	[illegible]
HALIBUT	1,707	2,002	2,035	2,492	1,660	1,550
OCEAN PERCH	10,920	15,400	17,606	19,902	20,542	[illegible]
POLLOCK	541	492	675	933	1,060	1,219
SALMON	562	632	711	518	726	[illegible]
WHITING	1,999	2,137	1,820	1,450	1,451	[illegible]
UNCLASSIFIED	9,583	10,651	14,552	11,192	8,946	[illegible]
TOTAL FILLETS AND STEAKS	55,689	63,115	71,836	66,611	62,064	[illegible]
FISH STICKS AND PORTIONS (COOKED AND UNCOOKED, ALL SPECIES)	15,979	18,058	17,562	21,383	23,687	23,248
ROUND, DRESSED, ETC.:						
HALIBUT	12,183	13,110	14,442	12,425	10,865	9,086
SABLEFISH	842	529	556	374	305	404
SALMON:						
KING OR CHINOOK	8,865	10,574	11,054	11,565	10,619	9,445
SILVER OR COHO	4,884	9,070	10,822	9,716	8,481	6,357
UNCLASSIFIED	1,781	3,100	4,936	3,684	3,535	2,788
TOTAL SALMON	15,530	22,744	26,812	24,965	22,635	18,590
SWORDFISH	776	543	516	428	399	390
WHITING, HEADED AND GUTTED	6,034	6,641	5,863	5,009	5,249	4,210
UNCLASSIFIED (EXCEPT BAIT)	12,098	16,395	17,437	16,454	13,975	13,893
TOTAL SALT-WATER FISH	177,994	205,565	230,808	223,222	202,369	189,408
FRESH-WATER:						
FILLETS AND STEAKS	815	676	653	701	849	816
ROUND, DRESSED, ETC.:						
CHUBS	364	387	384	381	295	296
TROUT	1,502	1,538	1,609	1,616	1,682	1,694
WHITEFISH	695	822	823	919	1,011	864
UNCLASSIFIED (EXCEPT BAIT)	3,632	3,901	3,508	3,202	3,623	4,448
TOTAL FRESH-WATER FISH	7,008	7,324	6,977	6,819	7,460	8,118
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER SPECIES)	13,827	12,298	10,790	11,791	12,727	10,347
SHELLFISH						
CRABS (INCLUDING CRAB MEAT):						
DUNGENESS	2,354	2,011	1,630	1,910	1,532	965
KING	2,662	2,229	2,489	4,353	5,089	6,051
UNCLASSIFIED	829	579	773	684	634	697
TOTAL CRABS	5,845	4,819	4,892	6,947	7,255	7,713
LOBSTERS:						
SPINY (TAILS)	3,885	3,520	3,936	3,577	3,206	4,109
OTHER (WHOLE AND MEAT)	577	575	589	603	575	620
TOTAL LOBSTERS	4,462	4,095	4,525	4,180	3,781	4,729
OYSTER MEATS	1,708	1,326	1,230	972	758	698
SCALLOP MEATS	1,684	1,853	1,657	1,685	1,499	1,585
SHRIMP:						
RAW, HEADLESS	25,473	34,342	41,745	45,148	48,102	47,444
BREADED	8,369	9,478	9,747	9,758	9,213	10,583
PEELED (INCLUDING DEVEINED)	12,145	12,152	13,459	11,507	11,238	11,976
UNCLASSIFIED	3,440	3,491	4,042	4,195	3,947	4,230
TOTAL SHRIMP	49,427	59,463	68,993	70,608	72,500	74,233
SQUID	3,017	3,092	2,946	2,675	2,045	1,288
UNCLASSIFIED SHELLFISH	5,393	4,774	4,855	4,246	3,855	3,846
TOTAL SHELLFISH	71,536	79,422	89,098	91,313	91,693	94,092
TOTAL FISH AND SHELLFISH	270,365	304,609	337,673	333,145	314,249	301,965
CURED FISH						
HERRING, SALTED	10,193	8,029	11,728	11,474	8,807	6,659
SALMON, MILD-CURED	1,746	1,978	2,042	2,278	3,124	2,050
OTHER SALTED	295	390	1,372	364	218	263
SMOKED FISH	204	435	498	752	796	578
TOTAL CURED FISH	12,438	10,832	15,640	14,868	12,945	9,550

1/ UNCLASSIFIED BLOCKS MAY ALSO CONTAIN COD, FLOUNDER, AND HADDOCK BLOCKS.

GENERAL REVIEW

SUMMARY OF HOLDINGS, BY SECTIONS AND MONTHS, 1971

MONTHS	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	THOUSAND POUNDS				
JANUARY 31	97,666	41,964	23,627	14,424	3,869
FEBRUARY 28	84,212	38,394	21,852	14,248	3,934
MARCH 31	66,865	33,761	19,647	11,767	3,964
APRIL 30	74,392	26,468	18,450	9,456	3,325
MAY 31	75,304	30,842	18,186	10,185	3,319
JUNE 30	92,130	33,748	19,689	10,352	2,832
JULY 31	123,589	32,994	19,259	10,796	3,441
AUGUST 31	139,812	32,126	25,043	11,505	3,896
SEPTEMBER 30	151,478	37,193	25,875	13,159	4,282
OCTOBER 31	150,128	31,643	26,484	14,841	4,425
NOVEMBER 30	135,144	31,434	26,965	14,533	3,944
DECEMBER 31	129,822	28,610	31,144	13,658	3,622

MONTHS	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	THOUSAND POUNDS			
JANUARY 31	22,641	62,691	7,828	274,710
FEBRUARY 28	19,572	55,275	9,458	246,945
MARCH 31	17,517	50,099	6,095	209,715
APRIL 30	14,046	44,446	5,011	195,594
MAY 31	13,003	41,740	5,781	198,360
JUNE 30	15,209	49,096	7,552	230,608
JULY 31	17,437	53,364	9,485	270,365
AUGUST 31	23,389	58,065	10,773	304,609
SEPTEMBER 30	28,443	63,979	13,264	337,673
OCTOBER 31	28,011	66,677	10,936	333,145
NOVEMBER 30	27,601	67,752	6,876	314,249
DECEMBER 31	26,541	62,850	5,718	301,965

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGE 77.

COLD STORAGE HOLDINGS OF CURED FISH, 1971

Monthly average holdings of salted and smoked fish were 12 million pounds. Cured herring (9.1 million pounds) and mild-cured salmon (1.9 million pounds) accounted for 92 percent of the average cold storage inventories of cured fish.

SUMMARY OF HOLDINGS OF CURED FISH, BY MONTHS, 1971

MONTH	SALTED			SMOKED	TOTAL
	HERRING	SALMON, MILD-CURED	OTHER		
	THOUSAND POUNDS				
JANUARY 31	6,121	2,163	2,058	357	10,699
FEBRUARY 28	6,727	2,052	289	266	9,334
MARCH 31	8,077	1,432	235	296	10,040
APRIL 30	10,335	1,507	232	226	12,300
MAY 31	10,276	1,555	354	202	12,387
JUNE 30	10,788	1,398	294	244	12,724
JULY 31	10,193	1,746	295	204	12,438
AUGUST 31	8,029	1,978	390	435	10,832
SEPTEMBER 30	11,728	2,042	1,372	498	15,640
OCTOBER 31	11,474	2,278	364	752	14,868
NOVEMBER 30	8,807	3,124	218	796	12,945
DECEMBER 31	6,659	2,050	263	578	9,550

FOREIGN FISHERY TRADE

U.S. foreign trade in fishery products was worth a record $1.2 billion--an increase of $58.6 million compared with 1970. Imports for consumption were worth $1.1 billion--$36.8 million more than in the previous year. Exports valued at $139.2 million increased $21.8 million compared with 1970.

Imports of edible fishery products were 1.8 billion pounds worth $887.1 million--a decline of 5 percent in volume, but a gain of 9 percent in value compared with 1970. The volume decline was caused principally by sharp decreases in imports of fresh or frozen sea herring, swordfish fillets, and shrimp; canned tuna in brine, and unclassified canned fish. Smaller declines occurred in imports of fresh or frozen albacore and yellowfin tuna; canned oysters and oyster juice; and pickled and salted fish. Compared with 1970, edible items received in greater quantity included fresh or frozen skipjack tuna; tuna loins and discs, chiefly albacore; groundfish blocks and slabs; crabs and crab meat; and lobsters.

Shrimp, the major item imported with respect to value, accounted for 22 percent of the value of all imported edible items. Near-record imports of about 191.3 million pounds (including fresh or frozen, canned, and cured) worth $196.3 million were received from 68 countries. Mexico, India, Venezuela, Panama, and Guyana were among the principal sources. Mexico supplied 39 percent of the total U.S. imports of shrimp.

Imports of nonedible fishery products were valued at $187.1 million--a decline of $37.7 million compared with 1970. The decreases were principally in the value of receipts of cultured pearls, seaweeds and other marine plants, chemicals and related products, and nonmetallic minerals and products. These declines were partly offset by small increases in the value of imported fish and marine animal oils, aquatic leathers, and miscellaneous items.

Exports of domestic edible fishery products were 171.8 million pounds worth $113.6 million--an increase of 22 percent in volume and 21 percent in value compared with 1970. Exports of domestic nonedible fishery products were valued at $25.6 million--8 percent more than in 1970.

Exports of foreign-produced fishery products were worth $23.2 million, a gain of 5 percent compared with 1970.

EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1970-71

ITEM		1970		1971	
EDIBLE FISHERY PRODUCTS	UNIT	QUANTITY	THOUSAND DOLLARS	QUANTITY	THOUSAND DOLLARS
FRESH OR FROZEN:					
FISH:					
COD, CUSK, HADDOCK, HAKE, AND POLLOCK	1,000 POUNDS	880	345	987	468
SALMON	DO	28,201	18,145	32,891	21,258
OTHER	DO	17,471	4,408	41,489	10,395
SHELLFISH:					
SHRIMP	DO	29,570	26,415	30,003	30,686
OTHER	DO	11,761	5,425	13,278	6,078
TOTAL FRESH AND FROZEN	DO	[illegible]	[illegible]	[illegible]	68,885
CANNED:					
FISH:					
MACKEREL	[illegible]	98	20	78	[illegible]
SALMON	[illegible]	16,811	13,134	18,232	[illegible]
SARDINES	[illegible]	1,456	670	890	[illegible]
OTHER	[illegible]	5,747	5,822	4,547	[illegible]
SHELLFISH:					
SHRIMP	[illegible]	6,076	6,652	8,334	[illegible]
SQUID	[illegible]	8,825	1,075	10,096	[illegible]
OTHER	[illegible]	4,113	3,542	2,991	[illegible]
TOTAL CANNED	[illegible]	43,126	30,915	45,168	[illegible]
CURED, DRY CURED, PICKLED, OR SALTED:					
UNCLASSIFIED FISH	[illegible]	9,236	8,075	7,867	[illegible]
UNCLASSIFIED SHELLFISH	[illegible]	130	150	133	[illegible]
TOTAL CURED	[illegible]	9,366	8,225	8,000	11,066
TOTAL EDIBLE FISHERY PRODUCTS	[illegible]	140,375	93,878	171,816	[illegible]
NONEDIBLE FISHERY PRODUCTS					
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL)	DO	158,787	15,699	229,898	[illegible]
WHALE AND SPERM OIL	DO	5,099	707	6,098	[illegible]
SEAL FURS, DRESSED OR DYED	1,000 PIECES	104	5,282	79	[illegible]
MARINE SHELLS, UNMANUFACTURED	1,000 POUNDS	11,613	1,752	4,032	[illegible]
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, NONEDIBLE	-	-	166	-	[illegible]
TOTAL NONEDIBLE FISHERY PRODUCTS	-	-	[illegible]	-	[illegible]
GRAND TOTAL	-	-	[illegible]	-	[illegible]

NOTE:--IN ADDITION TO THE EXPORT FIGURES THAT ARE SHOWN THERE ARE QUANTITIES OF FISH OILS AND CONCENTRATES THAT ARE EXPORTED FOR MEDICINAL PURPOSES, AND OTHER MISCELLANEOUS FISHERY PRODUCTS THAT CANNOT BE SHOWN BECAUSE THE EXPORT CLASSIFICATION COVERING THESE PRODUCTS INCLUDES OTHER THAN FISHERY PRODUCTS.

EXPORTS OF FOREIGN FISHERY PRODUCTS, 1970-71

ITEM		1970		1971	
EDIBLE FISHERY PRODUCTS	UNIT	QUANTITY	THOUSAND DOLLARS	QUANTITY	THOUSAND DOLLARS
FRESH OR FROZEN:					
FISH:					
COD, CUSK, HADDOCK, HAKE, AND POLLOCK	1,000 POUNDS	463	181	708	429
SALMON	DO	420	286	1,103	1,107
OTHER	DO	1,466	679	3,095	1,068
SHELLFISH:					
SHRIMP	DO	14,699	16,050	10,475	15,384
OTHER	DO	609	673	442	768
TOTAL FRESH AND FROZEN	DO	17,657	17,869	15,823	18,756
CANNED:					
FISH:					
MACKEREL	DO	25	29	-	-
SALMON	DO	-	-	1	1
SARDINES	DO	97	41	8	3
OTHER	DO	445	515	607	528
SHELLFISH:					
SHRIMP	DO	50	69	-	-
SQUID	DO	123	13	-	-
OTHER	DO	2,692	2,748	2,321	2,932
TOTAL CANNED	DO	3,432	3,415	2,937	3,464
CURED, DRY CURED, PICKLED, OR SALTED, UNCLASSIFIED FISH, AND TOTAL	DO	543	353	967	795
TOTAL EDIBLE FISHERY PRODUCTS	DO	21,632	21,637	19,727	23,015
NONEDIBLE FISHERY PRODUCTS					
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL)	DO	2,739	115	-	-
WHALE AND SPERM OIL	DO	1,323	58	-	-
SEAL FURS, DRESSED OR DYED	1,000 PIECES	5	34	3	90
SHELLS, UNMANUFACTURED	1,000 POUNDS	113	72	148	44
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, NONEDIBLE	-	-	84	-	19
TOTAL NONEDIBLE FISHERY PRODUCTS	-	-	363	-	153
GRAND TOTAL	-	-	22,000	-	23,168

GENERAL REVIEW

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1970-71

ITEM		1970		1971	
EDIBLE FISHERY PRODUCTS	UNIT	QUANTITY	THOUSAND DOLLARS	QUANTITY	THOUSAND DOLLARS
FRESH OR FROZEN:					
FISH:					
WHETHER OR NOT WHOLE (EXCEPT FILLETS, STEAKS, ETC.):					
FRESH-WATER:					
LAKE TROUT.	1,000 POUNDS	987	592	607	357
OTHER TROUT	DO	2,025	1,301	3,832	2,683
PIKE.	DO	4,397	2,761	4,406	2,987
WHITEFISH	DO	8,447	4,742	7,230	4,051
UNCLASSIFIED.	DO	5,496	1,295	5,256	1,413
TOTAL FRESH-WATER FISH.	DO	21,352	10,691	21,331	11,491
SALT-WATER:					
COD, CUSK, HADDOCK, HAKE, AND POLLOCK (INCLUDES EELS, SHAD, AND STURGEON).	DO	5,853	1,542	7,111	1,778
HALIBUT	DO	18,213	8,124	19,971	8,228
MACKEREL:					
FRESH	DO	357	40	526	66
FROZEN.	DO	1,418	205	1,313	222
SALMON.	DO	7,448	6,656	7,684	6,027
SEA HERRING	DO	1/103,924	1/1,852	2/76,212	2/1,818
SMELT	DO	8,489	1,570	7,807	1,454
SWORDFISH:					
FRESH	DO	7,868	4,701	63	49
FROZEN.	DO	911	272	106	38
TUNA (WHOLE AND OTHER THAN WHOLE): 3/					
ALBACORE.	DO	205,261	56,897	187,009	54,655
SKIPJACK.	DO	80,702	10,010	138,823	22,930
YELLOWFIN	DO	136,413	29,324	122,887	25,419
UNCLASSIFIED.	DO	17,164	2,194	17,078	2,736
TOTAL TUNA.	DO	[illegible]	[illegible]	[illegible]	[illegible]
TUNA LOINS AND DISCS:					
ALBACORE.		[illegible]	[illegible]	[illegible]	[illegible]
UNCLASSIFIED.	DO	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL LOINS AND DISCS	DO	[illegible]	[illegible]	[illegible]	[illegible]
UNCLASSIFIED.		[illegible]	[illegible]	[illegible]	[illegible]
TOTAL SALT-WATER FISH	DO	624,600	132,827	615,432	137,528
FILLETS, STEAKS, ETC.:					
GROUNDFISH AND OCEAN PERCH:					
BLOCKS OR SLABS	DO	272,655	70,622	311,166	110,243
COD	DO	95,801	31,451	80,686	35,945
CUSK, HADDOCK, HAKE, AND POLLOCK. . .	DO	36,133	15,517	34,026	16,846
OCEAN PERCH (ATLANTIC).	DO	54,173	17,042	56,740	18,645
TOTAL GROUNDFISH AND OCEAN PERCH.	DO	[illegible]	[illegible]	[illegible]	[illegible]
OTHER:					
CATFISH	DO	[illegible]	[illegible]	[illegible]	[illegible]
FLOUNDER OR FLATFISH (EXCEPT HALIBUT)	DO	[illegible]	[illegible]	[illegible]	[illegible]
HALIBUT	DO	[illegible]	[illegible]	[illegible]	[illegible]
SWORDFISH	DO	[illegible]	[illegible]	[illegible]	[illegible]
WOLFFISH (SEA CATFISH).	DO	[illegible]	[illegible]	[illegible]	404
YELLOW PERCH, PIKE, ETC	DO	[illegible]	[illegible]	[illegible]	[illegible]
UNCLASSIFIED SALT-WATER	DO	[illegible]	[illegible]	[illegible]	[illegible]
UNCLASSIFIED FRESH-WATER.	DO	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL, OTHER THAN GROUNDFISH. . . .	DO	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL FILLETS, STEAKS, ETC.	DO	[illegible]	[illegible]	[illegible]	[illegible]
FISH STICKS AND SIMILAR PRODUCTS.	DO	[illegible]	[illegible]	1,202	[illegible]
TOTAL FISH, FRESH AND FROZEN. . . .	DO	[illegible]	[illegible]	[illegible]	[illegible]

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1970-71 - Continued

ITEM		1970		1971	
EDIBLE FISHERY PRODUCTS - CONTINUED	UNIT	QUANTITY	THOUSAND DOLLARS	QUANTITY	THOUSAND DOLLARS
FRESH OR FROZEN: - CONTINUED:					
SHELLFISH, ETC.:					
CRABS:					
FRESH OR FROZEN (INCLUDING PREPARED OR PRESERVED, EXCEPT CANNED)	1,000 POUNDS	870	425	1,109	501
CRAB MEAT (FRESH COOKED)	DO	1,464	1,601	2,899	3,189
LOBSTERS:					
COMMON (INCLUDES FRESH-COOKED MEAT)	DO	17,113	14,991	17,835	23,733
SPINY	DO	37,741	74,801	41,792	105,717
SHRIMP:					
BREADED	DO	1,414	1,337	1,212	1,075
PEELED, COOKED BUT NOT BREADED	DO	3,946	3,451	3,279	2,821
PEELED, RAW	DO	69,501	55,575	60,136	54,339
SHELL-ON	DO	139,978	136,480	123,926	135,411
TOTAL SHRIMP	DO	214,839	196,843	188,553	193,646
CLAMS (IN SHELL OR SHUCKED)	DO	1,720	819	3,072	1,251
FROG LEGS (INCLUDES PREPARED AND PRESERVED)	DO	5,103	7,959	5,410	3,943
OYSTERS:					
EXCEPT SEED OYSTERS	DO	2,104	1,216	1,206	855
SEED OYSTERS	DO	1,717	481	921	479
SCALLOPS	DO	16,830	19,666	17,389	21,952
TURTLES (LIVE ONLY)	DO	112	280	92	187
TOTAL SHELLFISH, ETC., FRESH AND FROZEN	DO	299,613	319,082	280,278	355,453
TOTAL FRESH AND FROZEN FISH, SHELLFISH, ETC.	DO	1,541,600	661,454	1,515,150	741,397
CANNED:					
FISH:					
ANCHOVIES:					
IN OIL	DO	5,457	6,295	3,984	4,543
NOT IN OIL	DO	1,036	418	682	231
HERRING:					
IN OIL	DO	259	66	168	64
NOT IN OIL	DO	12,433	4,602	11,388	5,043
SALMON:					
IN OIL	DO	24	49	44	54
NOT IN OIL	DO	2,417	1,528	1,507	1,078
SARDINES:					
IN OIL	DO	34,070	15,020	31,034	15,641
NOT IN OIL	DO	12,838	4,535	18,985	5,085
TUNA:					
IN OIL, ALBACORE	DO	153	114	1,050	687
IN BRINE:					
ALBACORE	DO	42,412	28,417	32,096	25,295
OTHER	DO	29,697	15,778	26,696	16,373
TOTAL IN BRINE	DO	72,109	44,195	58,792	41,668
BONITO AND YELLOWTAIL:					
IN OIL	DO	830	367	1,858	752
IN BRINE	DO	402	157	667	216
TOTAL BONITO AND YELLOWTAIL	DO	1,232	524	2,525	968
ANTIPASTO, IN OIL	DO	321	215	250	196
CAVIAR AND OTHER FISH ROE (MAY INCLUDE SOME NOT CANNED)	DO	432	1,578	405	1,564
FISH CAKES, BALLS AND PUDDING	DO	1,672	553	1,572	601
FISH PASTE AND SAUCE	DO	593	217	753	267
POLLOCK, SMOKED	DO	20	15	21	25
UNCLASSIFIED FISH:					
IN OIL	DO	1,239	640	1,669	853
NOT IN OIL	DO	47,046	6,101	21,566	3,241
TOTAL CANNED FISH	DO	193,351	86,665	156,415	81,809

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1970-71 - Continued

ITEM		1970		1971	
EDIBLE FISHERY PRODUCTS - CONTINUED	UNIT	QUANTITY	THOUSAND DOLLARS	QUANTITY	THOUSAND DOLLARS
CANNED - CONTINUED:					
SHELLFISH, ETC.:					
ABALONE (MAY INCLUDE FRESH OR DRIED, AND CANNED PASTE AND SAUCE)	1,000 POUNDS	5,295	5,111	4,989	5,625
CLAMS:					
CHOWDER, JUICE, ETC	DO	66	9	12	7
RAZOR	DO	4/	4/	5	4
OTHER	DO	4,568	2,957	3,169	2,119
CRAB MEAT (INCLUDES PASTE AND SAUCE)	DO	2,765	5,283	3,723	6,474
LOBSTER MEAT:					
COMMON (CANADA ONLY)	DO	2,381	7,803	2,292	7,979
SPINY (OTHER THAN CANADA)	DO	102	163	105	256
SHRIMP	DO	3,876	3,192	2,742	2,631
OYSTERS AND OYSTER JUICE	DO	14,953	8,140	9,452	6,545
UNCLASSIFIED (INCLUDES SHELLFISH PASTE AND SAUCE)	DO	14,029	7,752	11,752	6,619
TOTAL CANNED SHELLFISH	DO	48,035	40,410	38,241	38,259
TOTAL CANNED FISH, SHELLFISH, ETC	DO	241,386	127,075	194,656	120,062
CURED:					
DRIED (UNSALTED):					
COD, CUSK, HADDOCK, HAKE, AND POLLOCK	DO	639	476	753	644
SHARK FINS	DO	137	182	118	236
UNCLASSIFIED	DO	242	231	164	185
TOTAL DRIED (UNSALTED)	DO	1,018	889	1,035	1,065
PICKLED OR SALTED:					
ALEWIVES	DO	4/	4/	[illegible]	[illegible]
COD, CUSK, HADDOCK, HAKE, AND POLLOCK:					
SKINNED OR BONED	DO	[illegible]	[illegible]	10,424	[illegible]
OTHER	DO	[illegible]	[illegible]	[illegible]	[illegible]
HERRING	DO	[illegible]	[illegible]	[illegible]	[illegible]
MACKEREL	DO	[illegible]	[illegible]	[illegible]	[illegible]
SALMON	DO	[illegible]	[illegible]	[illegible]	91
UNCLASSIFIED	DO	[illegible]	[illegible]	478	412
TOTAL PICKLED OR SALTED	DO	[illegible]	[illegible]	[illegible]	22,224
SMOKED OR KIPPERED:					
COD, CUSK, HADDOCK, HAKE, AND POLLOCK:					
WHOLE, BEHEADED, OR EVISCERATED OR BOTH	DO	162	66	131	53
FILLETS, STEAKS, ETC.	DO	1,385	530	1,377	603
HERRING:					
WHOLE OR BEHEADED:					
HARD DRY SMOKED	DO	34	9	58	16
OTHER	DO	646	169	804	237
BONED AND NOT BONED (EVISCERATED, SPLIT)	DO	973	291	872	296
MACKEREL	DO	4	1	2	2
SALMON	DO	34	85	76	161
UNCLASSIFIED	DO	219	76	155	68
TOTAL SMOKED OR KIPPERED	DO	3,457	1,227	3,475	1,436
TOTAL CURED	DO	[illegible]	[illegible]	[illegible]	24,725
OTHER FISH AND SHELLFISH, NOT SPECIALLY PROVIDED FOR	DO	11,700	1,429	[illegible]	[illegible]
TOTAL EDIBLE FISHERY PRODUCTS	DO	[illegible]	[illegible]	[illegible]	[illegible]
NONEDIBLE FISHERY PRODUCTS					
OILS, FISH AND MARINE ANIMAL:					
COD:					
INDUSTRIAL	1,000 GALLONS	[illegible]	[illegible]	48	[illegible]
MEDICINAL (LIVER)	DO	424	[illegible]	[illegible]	[illegible]
HERRING	DO	14	[illegible]	[illegible]	[illegible]
SOD	DO	1	[illegible]	17	[illegible]

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GENERAL REVIEW

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1970-71 - Continued

[illegible]		1970		1971	
NONEDIBLE FISHERY PRODUCTS - CONTINUED	UNIT	QUANTITY	THOUSAND DOLLARS	QUANTITY	THOUSAND DOLLARS
OILS, FISH AND MARINE ANIMAL - CONTINUED:					
WHALE:					
SPERM:					
CRUDE	1,000 GALLONS	6,404	[illegible]	[illegible]	[illegible]
REFINED	DO	[illegible]	[illegible]	522	607
OTHER	DO	4/	2	4/	[illegible]
UNCLASSIFIED:					
BODY	DO	[illegible]	[illegible]	15	22
LIVER	DO	22	[illegible]	[illegible]	[illegible]
SEAL	DO	48	[illegible]	-	-
TOTAL FISH AND MARINE ANIMAL OILS	DO	[illegible]	6,949	[illegible]	9,324
MEAL AND SCRAP, ANIMAL FEED	1,000 TONS	[illegible]	[illegible]	[illegible]	[illegible]
FISH SOLUBLES	DO	4/	[illegible]	4/	28
FISH SOUNDS	1,000 POUNDS	[illegible]	79	80	75
GLUE	DO	1,014	[illegible]	[illegible]	[illegible]
ISINGLASS	DO	20	[illegible]	[illegible]	[illegible]
PEARL ESSENCE	DO	42	429	[illegible]	[illegible]
AQUARIUM FISH (INCLUDING GOLDFISH)	-	-	3,495	-	[illegible]
FISH (OTHER THAN FOR HUMAN CONSUMPTION)	-	-	16,871	-	16,505
CUTTLEFISH BONE	1,000 POUNDS	220	68	169	53
SHELLS AND BUTTONS					
MARINE SHELLS, CRUDE (UNMANUFACTURED)	DO	3,944	537	4,075	498
SHELL AND MOTHER-OF-PEARL, ORNAMENTED	-	-	1,043	-	1,213
OCEAN AND FRESH-WATER PEARL AND SHELL BUTTONS AND BLANKS	-	-	525	-	315
PEARLS:					
CULTURED	-	-	10,184	-	6,894
NATURAL	-	-	371	-	364
TOTAL PEARLS	-	-	10,555	-	7,258
AMBERGRIS	-	-	76	-	60
SPERMACETI WAX	1,000 POUNDS	258	56	-	117
AQUATIC LEATHERS (INCLUDING SEALSKINS, AND REPTILIAN AND OTHER AQUATIC LEATHER PRODUCTS)	-	-	43,610	-	46,881
SEAWEEDS AND OTHER MARINE PLANTS	1,000 POUNDS	22,584	8,087	21,786	4,093
AGAR-AGAR	DO	846	1,568	790	1,515
SODIUM ALGINATE	DO	885	702	55	429
SPONGES:					
SHEEPSWOOL	DO	8	35	8	30
YELLOW, GRASS, OR VELVET	DO	13	17	8	12
HARDHEAD, REEF, AND OTHER	DO	56	603	52	600
TOTAL SPONGES	DO	77	655	68	642
CORAL, UNCUT, UNMANUFACTURED	DO	281	51	409	88
OTHER FISH, SHELLFISH AND MARINE ANIMAL PRODUCTS:					
CHEMICALS AND RELATED PRODUCTS	-	-	53,187	-	35,050
NONMETALLIC MINERALS AND PRODUCTS	-	-	31,010	-	9,632
MISCELLANEOUS ITEMS	-	-	7,189	-	9,932
TOTAL NONEDIBLE FISHERY PRODUCTS	-	-	224,880	-	187,131
GRAND TOTAL	-	-	1,037,410	-	1,074,201

1/ INCLUDES BUREAU OF CUSTOMS DATA ON IMPORTS OF FRESH SEA HERRING INTO MAINE THAT AMOUNTED TO 78,472,875 POUNDS. BUREAU OF CENSUS DATA, WHICH DID NOT INCLUDE MOST ENTRIES VALUED AT LESS THAN $250, AMOUNTED TO 86,902,170 POUNDS VALUED AT $1,556,896.

2/ INCLUDES BUREAU OF CUSTOMS DATA ON IMPORTS OF FRESH SEA HERRING INTO MAINE THAT AMOUNTED TO 66,664,118 POUNDS. BUREAU OF CENSUS DATA, WHICH DID NOT INCLUDE MOST ENTRIES VALUED AT LESS THAN $250, AMOUNTED TO 68,215,884 POUNDS VALUED AT $1,640,459.

3/ INCLUDES LANDINGS OF FOREIGN-CAUGHT TUNA IN AMERICAN SAMOA. SUCH LANDINGS ARE NOT INCLUDED IN THE BUREAU OF THE CENSUS DATA BECAUSE OF THE TERRITORIAL SITUATION OF THE POSSESSION.

4/ LESS THAN 1,000 UNITS OR $1,000.

SECTION 2 - NEW ENGLAND FISHERIES

Commercial fishermen of the New England States (Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut) landed 513.5 million pounds of fish and shellfish worth $94.6 million--a decline of 17.8 million pounds (3 percent), but a gain of $3.6 million (4 percent) compared with 1970. The decline was caused principally by sharp decreases in landings of haddock, whiting, blackback and yellowtail flounders, and otter trawl-caught industrial fish. Landings increased, however, for several species--sea herring, menhaden, ocean perch, and pollock. Landings of other major species remained about the same as in 1970. The average price received by fishermen for all species reached a record 18.4 cents per pound--an increase of 1.3 cents compared with 1970.

Massachusetts led all States in volume with 276.6 million pounds (54 percent); followed by Maine, 142.7 million (28 percent); and Rhode Island, 86.1 million pounds (17 percent). Connecticut and New Hampshire together accounted for the rest of the production. Compared with 1970, landings in Maine declined 10 percent and in Massachusetts, 4 percent. Landings in the remaining States increased slightly. The value of landings was greater in all States than in 1970. Massachusetts led in value with $48.3 million (51 percent), Maine was second with $31.1 million (33 percent), followed by Rhode Island, $12.6 million (13 percent). Connecticut and New Hampshire together accounted for the remainder.

Fishermen and vessels. The New England fisheries had 22,762 fishermen using 699 vessels (5 net tons or greater) and 11,707 other craft--an increase of 544 fishermen and 13 vessels, but a decline of 248 other craft compared with 1970.

Processed products. The value of processed seafood items was a record $251.6 million--an increase of $5.1 million compared with 1970. Massachusetts led in production with products valued at $173.3 million. Maine was next with $54.9 million; followed by New Hampshire, $17.9 million; Rhode Island, $5.3 million; and Connecticut, $254,000. The five New England States employed 8,652 persons in 507 wholesale and processing plants--a decline of 308 persons and 30 plants compared with 1970.

Vessel construction. In 1971, eight new vessels joined the New England fleet. Four of them fished out of Rhode Island, two out of Maine, and two out of Massachusetts ports. One of the Massachusetts additions was a 118-foot, stern-ramp trawler built under the Construction Differential Subsidy Program. Ten vessels were lost at sea during the year, but no lives were lost.

Labor. With the exception of two disputes in New Bedford, Mass., labor and management had a generally quiet year. One dispute between vessel owners, their crews, and the buyers that concerned selling practices lasted 2-1/2 weeks. Later on, shore workers and processing plants had a dispute of short duration. As a result, several New Bedford vessels were diverted to Rhode Island ports, principally Newport, and by year's end were continuing to fish out of Rhode Island.

Flounders. Landings of 90.6 million pounds worth $14.4 million were less than 1970 by 13.3 million pounds (13 percent) and nearly $1.0 million (6 percent). Principal cause was a sharp decline in yellowtail flounder landings from 67.3 million pounds in 1970 to 54.4 million in 1971. The harvest of yellowtail flounders was the second smallest in the last decade.

Landings of yellowtail flounders at New Bedford, the leading yellowtail port, were 33.4 million pounds--a 38 percent decrease compared with 1970. Several factors contributed to the smaller landings. One was the declining fish population. Another was related to actions taken by domestic fishermen. The latter included a fleet tieup and work stoppage for a short time in New Bedford, and also a mutual agreement among New Bedford fishermen to limit catches to only 5,000 pounds per man. A third factor was the increased activity of foreign fleets on yellowtail grounds. This exploitation was presumably nearing an end in 1971 when an agreement of the International Commission for the Northwest Atlantic Fisheries (ICNAF) became effective. Quotas were set on catches of yellowtail flounders. The quotas placed limits of 16,000 metric tons on yellowtail flounders taken east of the 69° parallel and 10,000 metric tons on yellowtails taken west of this line. These quotas were further divided into quarterly allotments.

Groundfish. Landings of six species of groundfish (cod, cusk, haddock, ocean perch, pollock, and white hake) were 153.6 million pounds worth $16.4 million--an increase of 3 percent in volume and 6 percent in value compared with 1970. Landings of all species except haddock increased.

Haddock landings of 21.5 million pounds declined 5.3 million compared with 1970, and were the smallest on record. In a 1971 survey, scientists at NMFS Northeast Fisheries Center, Woods Hole, Mass., predicted that low recruitment to the marketable haddock population would continue until at least 1974. For the second consecutive year, catch quotas and other ICNAF regulations were in effect, limiting the total catch made by all nations in the haddock fishing areas. The quotas set for 1971 will be halved during 1972, and the 1971 closed season of March and April will be extended through May in 1972.

Imports of groundfish fillets (including blocks) were a record 482.6 million pounds--23.9 million (5 percent) more than in 1970, the former record year. The available supply (U.S. production plus imports) of groundfish fillets and blocks was a record 526.4 million pounds --a gain of 24.8 million compared with 1970. U.S. production of 43.8 million pounds was only about 8 percent of the total amount available for consumption. In 1950, U.S. production was 67 percent of the total.

Lobsters. Landings of 30.3 million pounds were about the same as in 1970. Maine landings of 17.6 million pounds were 58 percent of the total; Massachusetts (6.1 million), 20 percent; and Rhode Island (5.4 million pounds), 18 percent. New Hampshire and Connecticut accounted for the rest. For the second consecutive year, landings of otter trawl-caught lobsters in Massachusetts and Rhode Island declined--accounting for less than 4 million pounds. Landings made by offshore pot fishermen, however, continued to increase and were estimated at 3 million pounds--nearly double the 1970 production.

The value of landings was a record $31.8 million--a gain of 7 percent compared with 1970. Lobsters are the most valuable species landed in the New England States. In recent years they have accounted for about one-third of the total value of fish and shellfish.

Menhaden. The harvest of 25.9 million pounds more than doubled the 10.5 million taken in 1970 and was the best in the last decade. The fish, virtually absent from New England waters for the last several years, appeared to be making one of their periodic returns. Four purse seine vessels fishing out of Point Judith, R.I., landed 19.0 million pounds. In 1970, only two purse seiners operated out of Point Judith. Fishermen could have increased their landings substantially if dockside facilities at this port could have handled a greater volume.

Sea herring. Landings of 74.8 million pounds worth $1.5 million increased 13 percent in volume and 27 percent in value compared with 1970. For the first time on record, Massachusetts led in sea herring landings with 43.4 million pounds--58 percent of the total. About 39.6 million pounds of this amount was landed in Gloucester where the fish were filleted for export to Europe, principally Germany. The declining supply of sea herring in Norway tended to make an excellent European market for the United States product.

Maine landings of 28.6 million pounds accounted for 38 percent of the total. Imports into Maine ports of fresh sea herring from Canada (used chiefly for canning and reduction) were 66.7 million pounds--15 percent less than in 1970. The pack of canned Maine sardines was 950,800 standard cases worth $10.9 million--compared with 806,500 cases worth $11.2 million in 1970.

Sea scallops. Landings yielded 4.3 million pounds of meats worth $6.4 million--a decline of 3 percent in volume, but an increase of 6 percent in value compared with 1970. As in recent years, the harvest trended downward; it was the smallest since 1945. About 84 percent of the total landings were made by 22 vessels at New Bedford, home port to most of the New England sea scallopers. Some fishermen there received a record price of $1.67 per pound, although the average price was $1.48 per pound. Despite the declining stock of sea scallops on the fishing grounds, a few of the newer and more successful scallopers had a record year with gross earnings per vessel of more than $400,000. Most of the fishing was in the Channel area and off the New York coast.

Shrimp. Landings of 24.5 million pounds increased 4 percent compared with 1970, and were the second largest on record. However, the value ($4.7 million) declined 1 percent. The gain in production occurred when several large vessels entered the fishery. The number of shrimp trawlers of all sizes, however, decreased from 476 in 1970 to 403 in 1971. Maine landings of 18.4 million pounds were 75 percent of the total; Massachusetts landings accounted for most of the remainder. At Portsmouth, N.H., three small shrimp trawlers landed small quantities of shrimp for local consumption.

Tuna. Landings of 3.6 million pounds worth $548,000 increased 3 percent in volume and 14 percent in value compared with 1970. Most of the catch was taken from the New Jersey coast northward to Cape Cod. A new development in the fishery was the transfer at sea, beyond the 3-mile limit, of several thousand pounds of large bluefin tuna to Japanese vessels. The Japanese were also on Stellwagen Bank where they purchased tuna in quantities as small as an individual fish from sportsfishing craft using lines or harpoons.

Unclassified industrial fish. Landings of unclassified species of fish for processing into meal and oil were 35.3 million pounds--a decline of 16.3 million compared with 1970. Fishing effort for industrial species decreased--partly because of the record prices fishermen received for food fish and partly because fewer fish were on the fishing grounds. About 69 percent of the landings were made at Point Judith, R.I., and most of the rest at New Bedford and Gloucester, Mass.

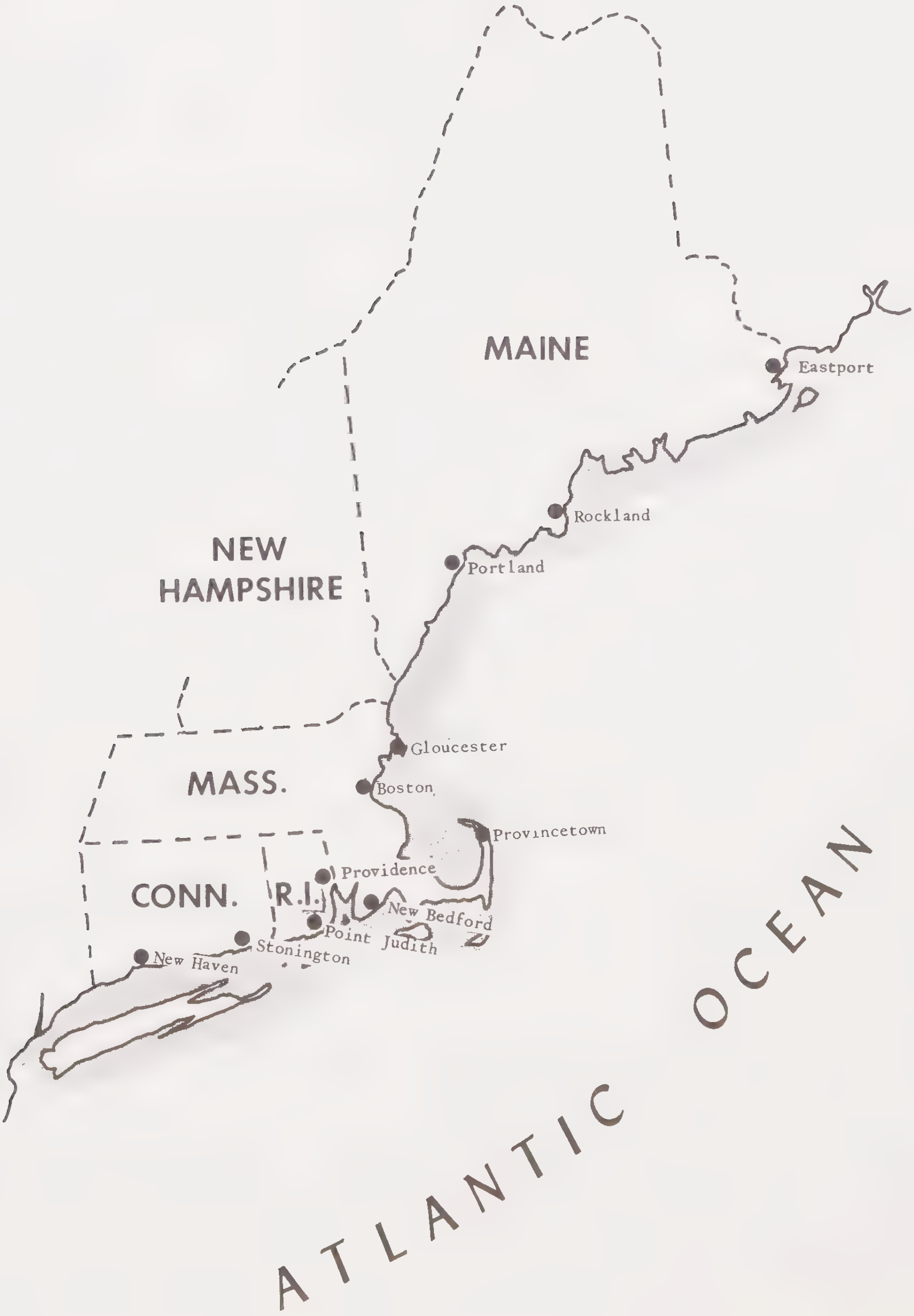
Whiting. Landings of 28.2 million pounds worth $1.6 million declined 11.9 million pounds and $1.8 million compared with 1970. The harvest was the smallest since 1939. The decline in landings reflected the poor market for whiting--a result of the record prices paid to fishermen in 1970. The industry had great difficulty in 1971 selling the high-priced whiting inventory, and did not wish to increase their holdings appreciably. In addition, whiting were not as abundant on the fishing grounds as in the previous year.

New construction. In Massachusetts, a breakwater under construction to form a harbor of refuge at Provincetown neared completion by the end of the year; and at New Bedford, a prominent fish processor erected a modern plant on the site of the new South Terminal.

Other information. The following tables contain summarized and detailed information on the 1971 operating units and landings of fish and shellfish in the New England States. Additional data on many aspects of the New England fisheries may be found in Maine, Massachusetts, and Rhode Island monthly and annual landings bulletins released by the Statistics and Market News Division.

Acknowledgments. The following organizations helped collect the data appearing in this section: Maine Department of Sea and Shore Fisheries; New Hampshire Fish and Game Department; Massachusetts Department of Natural Resources, Division of Marine Fisheries; Rhode Island Department of Agriculture and Conservation, Division of Fish and Game; Connecticut State Board of Fisheries and Game; and Connecticut State Shell Fish Commission.

NEW ENGLAND FISHERIES


MAINE
Eastport
Rockland
Portland
NEW HAMPSHIRE
Gloucester
MASS.
Boston
Provincetown
Providence
CONN.
R.I.
New Bedford
Point Judith
Stonington
New Haven
ATLANTIC OCEAN

NEW ENGLAND STATES

NEW ENGLAND FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1971

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
MAINE	98	5	45	27	143	31
NEW HAMPSHIRE	(1)	(1)	1	1	1	1
MASSACHUSETTS	253	28	24	20	277	48
RHODE ISLAND	77	5	9	7	86	13
CONNECTICUT	5	(1)	2	1	7	2
TOTAL	434	39	80	56	514	95

1/ LESS THAN 500,000 POUNDS OR $500,000.

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1971

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER					
FISHERMEN:						
ON VESSELS	486	-	2,349	696	63	3,202
ON BOATS AND SHORE:						
REGULAR	5,414	87	1,386	390	188	7,465
CASUAL	5,908	478	4,231	928	550	12,095
TOTAL	11,808	565	7,966	2,014	801	22,762
VESSELS, MOTOR	181	-	412	174	24	699
GROSS TONNAGE	9,391	-	32,126	16,653	609	44,544
BOATS:						
MOTOR	6,889	249	2,924	979	494	11,535
OTHER	108	8	39	9	8	172
GEAR:						
HAUL SEINES:						
COMMON	-	5	3	4	12	24
DANISH	-	-	-	1	-	1
STOP SEINES	30	-	-	-	-	30
PURSE SEINES:						
HERRING	20	-	354	-	-	371
MACKEREL	-	-	5	-	-	5
MENHADEN	-	-	1	4	-	5
TUNA	-	-	3	-	-	3
BAG NETS	2	5	-	-	-	7
OTTER TRAWLS:						
FISH	183	3	337	94	56	614
LOBSTER	-	-	10	41	-	48
SHRIMP	345	3	55	-	-	401
WEIRS	30	4	-	-	-	34
POUND NETS, FISH	-	-	19	-	-	19
FLOATING TRAPS	2	-	9	12	-	23
FYKE AND HOOP NETS, FISH	-	-	-	-	14	14
POTS AND TRAPS:						
CONCH	-	-	340	1,557	981	2,878
CRAB	-	425	-	-	-	425
EEL	-	-	264	320	423	1,007
LOBSTER	1,278,226	18,600	110,672	40,701	25,929	1,470,393
SHRIMP	2,930	-	-	-	-	2,930
BOX TRAPS	4	-	-	-	-	4
GILL NETS:						
ANCHOR, SET, OR STAKE	5	2	21	1	8	36
DRIFT:						
SHAD	-	-	-	-	34	34
OTHER	-	-	72	-	25	97
LINES:						
HAND	182	466	2,157	302	168	3,275
TROLL	-	-	15	56	-	71
LONG OR SET WITH HOOKS	88	5	103	3	-	199
DIP NETS, COMMON	57	22	111	-	5	195
HARPOONS:						
SWORDFISH	-	-	17	-	-	17
OTHER	43	10	29	-	-	82
SPEARS	-	16	66	1	4	87
DREDGES:						
CLAM	-	-	14	46	7	65
MUSSEL	-	-	13	-	-	13
OYSTER, COMMON	-	-	4	-	6	10
SCALLOP:						
BAY	-	-	3,420	102	-	3,522
SEA	92	-	63	4	-	156
OTHER	5	-	-	-	-	5
TONGS:						
OYSTER	-	-	15	8	1	24
OTHER	-	-	68	154	10	232
RAKES:						
OYSTER	-	-	70	-	-	70
OTHER	92	-	737	615	-	1,444
HOES	4,529	26	748	74	2	5,379
DIVING OUTFITS	-	-	37	2	-	39

NEW ENGLAND FISHERIES

LANDINGS BY STATES, 1971

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES.	1,954	46	25	1	222	4
ANGLERFISH.	-	-	-	-	14[illegible]	8
BLUEFISH.	-	-	2	(1)	[illegible]	34
BONITO.	-	-	-	-	1[illegible]	2
BUTTERFISH.	-	-	-	-	70	6
COD	4,379	335	[illegible]01	30	46,554	5,729
CUSK.	309	4	[illegible]	(1)	1,490	136
EELS:						
COMMON.	54	15	7	-	77	23
CONGER.	-	-	-	-	(1)	(1)
FLOUNDERS:						
BLACKBACK	146	12	7	1	14,542	2,351
DAB	510	49	5	(1)	4,211	626
FLUKE	-	-	-	-	89	38
GRAY SOLE	514	57	4	1	5,533	935
LEMON SOLE.	1	(1)	-	-	2,633	701
YELLOWTAIL.	87	9	53	6	41,940	6,889
TOTAL FLOUNDERS . . .	1,258	127	69	8	68,948	11,540
HADDOCK	821	1[illegible]0	13	5	20,345	5,324
HAKE:						
RED	-	-	-	-	807	41
WHITE	1,972	107	2	(1)	3,564	228
HALIBUT	77	37	1	1	167	121
HERRING, SEA.	28,572	687	-	-	43,354	727
LAUNCE.	-	-	11	5	1[illegible]	4
MACKEREL, ATLANTIC.	225	14	3	(1)	3,117	147
MENHADEN.	-	-	-	-	6,31[illegible]	117
OCEAN PERCH	46,630	2,347	12	(1)	13,340	700
POLLOCK	890	55	2	(1)	9,960	773
SCUP OR PORGY	-	-	-	-	564	203
SEA BASS.	-	-	-	-	19	12
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	(1)	(1)
SHARKS:						
GRAYFISH.	-	-	-	-	1	(1)
UNCLASSIFIED.	(1)	(1)	-	-	5	(1)
SKATES.	-	-	-	-	137	9
SMELT	78	19	51	21	[illegible]	2
STRIPED BASS.	-	-	15	4	749	199
STURGEON, COMMON.	1	(1)	(1)	(1)	[illegible]	(1)
SWORDFISH	-	-	-	-	73	71
TAUTOG.	-	-	-	-	25	1
TILEFISH.	-	-	-	-	1	(1)
TUNA:						
BLUEFIN	136	13	32	2	2,924	469
SKIPJACK.	-	-	-	-	354	54
UNCLASSIFIED.	-	-	-	-	110	9
TOTAL TUNA.	136	13	32	2	3,388	532
TURBOT.	-	-	-	-	23	5
WHITE PERCH	-	-	-	-	2	(1)
WHITING	9,900	480	15	1	15,077	888
WOLFFISH.	14	1	-	-	585	40
UNCLASSIFIED:						
FOR FOOD.	601	45	7	1	4,959	568
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	131	3	2	(1)	8,647	142
TOTAL FISH.	98,002	4,534	488	81	253,027	28,330
SHELLFISH ET AL.						
CRABS:						
GREEN	-	-	35	5	-	-
ROCK.	790	52	18	1	82	7
TOTAL CRABS	790	52	53	6	82	7
LOBSTERS, AMERICAN.	17,558	17,481	667	741	6,146	6,894
SHRIMP.	18,419	3,671	112	18	6,005	964
CLAMS:						
HARD:						
PUBLIC.	6	8	-	-	878	992
PRIVATE	-	-	-	-	297	329
OCEAN QUAHOG.	-	-	-	-	5	2
RAZOR	-	-	-	-	[illegible]	2
SOFT:						
PUBLIC.	5,250	2,694	-	-	1,137	968
PRIVATE	-	-	-	-	28	25
SURF.	-	-	-	-	18	5
TOTAL CLAMS	5,256	2,702	-	-	2,365	2,323

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

LANDINGS BY STATES, 1971 - Continued

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
SHELLFISH ET AL. - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CONCHS.	10	1	-	-	47	11
MUSSELS, SEA.	150	35	-	-	209	50
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	-	-	3	8
FALL.	-	-	-	-	3	8
PRIVATE:						
SPRING.	-	-	-	-	22	64
FALL.	-	-	-	-	26	72
TOTAL OYSTERS	-	-	-	-	54	152
PERIWINKLES AND COCKLES . .	29	15	-	-	-	-
SCALLOPS:						
BAY	-	-	-	-	2,050	3,507
SEA	387	564	-	-	3,949	5,840
TOTAL SCALLOPS. . . .	387	564	-	-	5,999	9,347
SQUID	(1)	(1)	-	-	979	76
SEA URCHINS	52	4	-	-	-	-
IRISH MOSS.	470	14	-	-	1,600	48
BLOODWORMS.	808	1,382	-	-	1	2
SANDWORMS	753	674	17	18	112	138
TOTAL SHELLFISH ET AL.	44,682	26,595	849	783	23,599	20,012
GRAND TOTAL	142,684	31,129	1,337	864	276,626	48,348

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES.	53	2	25	1	2,279	54
AMBERJACK	3	(1)	-	-	3	(1)
ANCHOVIES	2	1	-	-	2	1
ANGLERFISH.	5	(1)	(1)	(1)	148	8
BLUEFISH.	271	23	83	9	628	66
BONITO.	44	9	-	-	57	11
BUTTERFISH.	1,098	205	11	2	1,179	213
CARP.	-	-	3	(1)	3	(1)
CATFISH	-	-	27	4	27	4
COD	2,309	296	180	23	53,623	6,413
CUSK.	3	(1)	-	-	1,804	160
EELS:						
COMMON.	39	12	44	13	221	65
CONGER.	8	2	-	-	8	2
FLOUNDERS:						
BLACKBACK	5,275	650	817	101	20,787	3,115
DAB	246	40	1	(1)	4,973	715
FLUKE	275	143	34	17	398	198
GRAY SOLE	1,156	184	1	(1)	7,208	1,177
LEMON SOLE.	250	75	-	-	2,884	776
YELLOWTAIL.	11,810	1,499	474	47	54,364	8,450
TOTAL FLOUNDERS . . .	19,012	2,591	1,327	165	90,614	14,431
FRIGATE MACKEREL.	165	9	-	-	165	9
HADDOCK	358	92	-	-	21,543	5,601
HAKE:						
RED	315	11	8	(1)	1,130	52
WHITE	227	12	(1)	(1)	5,765	347
HALIBUT	1	(1)	-	-	246	159
HERRING, SEA.	2,888	62	3	(1)	74,817	1,476
KING WHITING OR "KINGFISH".	1	(1)	-	-	1	(1)
LAUNCE.	-	-	-	-	33	9
MACKEREL:						
ATLANTIC.	179	16	11	2	3,535	179
SPANISH	(1)	(1)	-	-	(1)	(1)
MENHADEN.	19,228	209	353	18	25,893	344
OCEAN PERCH	1	(1)	-	-	59,983	3,047
POLLOCK	21	1	(1)	(1)	10,873	829
POMPANO	(1)	(1)	-	-	(1)	(1)
SCUP OR PORGY	2,736	776	108	31	3,408	1,010
SEA BASS.	39	22	1	1	59	35

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1971 - Continued

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SEA ROBIN	70	1	91	4	161	5
SEA TROUT OR WEAKFISH, GRAY	183	20	17	3	200	23
SHAD	42	1	241	67	283	68
SHARKS:						
GRAYFISH	(1)	(1)	9	(1)	10	(1)
UNCLASSIFIED	8	1	(1)	(1)	13	1
SKATES	6	1	10	1	153	11
SMELT	-	-	-	-	132	41
STRIPED BASS	131	39	-	-	895	242
STURGEON, COMMON	5	(1)	(1)	(1)	8	(1)
SWORDFISH	-	-	-	-	73	71
TAUTOG	37	2	10	1	72	4
TILEFISH	46	8	-	-	47	8
TUNA:						
BLUEFIN	8	1	-	-	3,100	485
SKIPJACK	-	-	-	-	354	54
UNCLASSIFIED	-	-	-	-	110	9
TOTAL TUNA	8	1	-	-	3,564	548
TURBOT	-	-	-	-	23	5
WHITE PERCH	39	8	23	5	64	13
WHITING	2,910	228	289	16	28,191	1,613
WOLFFISH	11	1	-	-	610	42
UNCLASSIFIED:						
FOR FOOD	59	7	105	29	5,731	650
FOR BAIT, REDUCTION, AND ANIMAL FOOD	24,463	481	2,050	103	35,293	729
TOTAL FISH	77,024	5,150	5,029	498	433,570	38,599
SHELLFISH ET AL.						
CRABS:						
BLUE, HARD	-	-	(1)	(1)	(1)	(1)
GREEN	-	-	-	-	35	5
ROCK	39	6	-	-	929	66
TOTAL CRABS	39	6	(1)	(1)	964	71
HORSESHOE CRABS	-	-	7	1	7	1
LOBSTERS, AMERICAN	5,389	6,038	523	657	30,283	31,811
SHRIMP	-	-	-	-	24,536	4,653
CLAMS:						
HARD:						
PUBLIC	1,068	819	4	2	1,956	1,821
PRIVATE	-	-	272	204	569	533
OCEAN QUAHOG	1,495	253	532	90	2,032	345
RAZOR	-	-	-	-	2	2
SOFT:						
PUBLIC	49	34	(1)	(1)	6,436	3,696
PRIVATE	-	-	-	-	28	25
SURF	155	32	-	-	173	37
TOTAL CLAMS	2,767	1,138	808	296	11,196	6,459
CONCHS	146	49	194	53	397	114
MUSSELS, SEA	-	-	(1)	(1)	359	85
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	(1)	(1)	3	8
FALL	3	5	3	5	9	18
PRIVATE:						
SPRING	-	-	75	130	97	194
FALL	-	-	55	96	81	168
TOTAL OYSTERS	3	5	133	231	190	388
PERIWINKLES AND COCKLES	-	-	-	-	29	15
SCALLOPS:						
BAY	13	24	-	-	2,063	3,531
SEA	10	14	-	-	4,346	6,418
TOTAL SCALLOPS	23	38	-	-	6,409	9,949
SQUID	703	128	86	16	1,768	220
SEA URCHINS	-	-	-	-	52	4
IRISH MOSS	-	-	-	-	2,070	62
BLOODWORMS	-	-	-	-	809	1,384
SANDWORMS	-	-	-	-	882	830
TOTAL SHELLFISH ET AL.	9,070	7,402	1,751	1,254	79,951	56,046
GRAND TOTAL	86,094	12,552	6,780	1,752	513,521	94,645

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, MUSSELS, OYSTERS, AND PERIWINKLES AND COCKLES ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS ARE REPORTED IN WEIGHT OF EDIBLE MEATS.

LANDINGS OF CERTAIN SHELLFISH, 1971

SPECIES	MAINE		MASSACHUSETTS		RHODE ISLAND	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:						
HARD:						
PUBLIC	545	7,994	79,818	991,886	89,000	818,573
PRIVATE	-	-	27,000	329,000	-	-
OCEAN QUAHOG	-	-	500	2,080	149,500	253,376
RAZOR	-	-	182	1,600	-	-
SOFT:						
PUBLIC	350,000	2,694,244	87,462	967,878	3,769	33,819
PRIVATE	-	-	2,154	24,806	-	-
SURF	-	-	1,636	5,420	14,091	32,259
CONCHS	667	1,200	3,133	11,335	9,733	48,439
MUSSELS, SEA	10,000	35,051	20,900	50,221	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	462	8,320	-	-
FALL	-	-	462	8,710	429	4,675
PRIVATE:						
SPRING	-	-	3,385	64,300	-	-
FALL	-	-	4,000	72,390	-	-
PERIWINKLES AND COCKLES	1,611	15,004	-	-	-	-
SCALLOPS:						
BAY	-	-	341,667	3,506,346	2,167	24,204
SEA	64,500	563,859	658,167	5,839,845	1,667	14,562

SPECIES	CONNECTICUT		TOTAL	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:				
HARD:				
PUBLIC	333	2,248	169,696	1,820,701
PRIVATE	22,667	204,273	49,667	533,273
OCEAN QUAHOG	53,200	89,967	203,700	345,423
RAZOR	-	-	182	1,600
SOFT:				
PUBLIC	15	170	441,246	3,696,111
PRIVATE	-	-	2,154	24,806
SURF	-	-	15,727	37,679
CONCHS	12,933	52,797	26,466	113,771
MUSSELS, SEA	40	78	30,940	85,350
OYSTERS, MARKET:				
PUBLIC:				
SPRING	13	180	475	8,500
FALL	400	4,537	1,291	17,922
PRIVATE:				
SPRING	10,000	130,224	13,385	194,524
FALL	7,000	95,599	11,000	167,989
PERIWINKLES AND COCKLES	-	-	1,611	15,004
SCALLOPS:				
BAY	-	-	343,834	3,530,550
SEA	-	-	724,334	6,418,266

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN SHELLFISH, 1971

SPECIES	MAINE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL			
CLAMS:				
HARD:				
PUBLIC	11.00	11.00	12.00	12.00
PRIVATE	-	11.00	-	12.00
OCEAN QUAHOG	-	10.00	10.00	10.00
RAZOR	-	16.00	-	-
SOFT:				
PUBLIC	15.00	13.00	13.00	13.00
PRIVATE	-	13.00	-	-
SURF	-	11.00	11.00	-
CONCHS	15.00	15.00	15.00	15.00
MUSSELS, SEA	15.00	10.00	-	10.00
OYSTERS, MARKET:				
PUBLIC:				
SPRING	-	6.50	-	7.50
FALL	-	6.50	7.00	7.50
PRIVATE:				
SPRING	-	6.50	-	7.50
FALL	-	6.50	-	7.50
PERIWINKLES AND COCKLES	18.00	-	-	-
SCALLOPS:				
BAY	-	6.00	6.00	-
SEA	6.00	6.00	6.00	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

NEW ENGLAND FISHERIES

PROCESSED FISHERY PRODUCTS, 1971

ITEM	UNIT	MAINE		NEW HAMPSHIRE	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
COD:					
FILLETS:					
FRESH AND FROZEN.	POUNDS	484,715	208,665	-	-
BREADED, RAW AND COOKED . .	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN (CRISPS, FISH AND CHIPS, ETC.). . . .	DO	-	-	(1)	(1)
SALTED.	DO	101,115	70,131	-	-
SMOKED.	DO	(1)	(1)	-	-
CUSK FILLETS, FRESH AND FROZEN.	DO	114,935	57,417	-	-
FLOUNDER:					
FILLETS:					
FRESH AND FROZEN.	DO	249,398	151,062	-	-
BREADED, RAW AND COOKED, FROZEN	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN (DINNERS, IN SAUCES, ETC.)	DO	-	-	(1)	(1)
HADDOCK:					
FILLETS:					
FRESH AND FROZEN.	DO	424,080	360,344	-	-
BREADED, RAW AND COOKED . .	DO	-	-	(1)	(1)
SPECIALTIES:					
FROZEN (AU-GRATIN, DINNERS, ETC.).	DO	-	-	(1)	(1)
CANNED (FINNAN HADDIE AND ROE)	STANDARD CASES	(1)	(1)	-	-
SMOKED.	POUNDS	(1)	(1)	-	-
HAKE:					
FILLETS AND STEAKS, FRESH AND FROZEN	DO	(3)	(3)	-	-
SALTED.	DO	(1)	(1)	-	-
HALIBUT FILLETS AND STEAKS, FRESH AND FROZEN	DO	(3)	(3)	-	-
HERRING, SEA:					
FILLETS, FROZEN	DO	(3)	(3)	-	-
CANNED:					
SARDINES.	STANDARD CASES	950,821	10,855,717	-	-
FISH.	DO	(1)	(1)	-	-
SPECIALTIES (SPREADS) . . .	DO	(1)	(1)	-	-
SALTED.	POUNDS	(1)	(1)	-	-
SMOKED.	DO	(1)	(1)	-	-
MEAL AND SCRAP.	TONS	(1)	(1)	-	-
OIL	1000 LBS	(1)	(1)	-	-
PEARL ESSENCE	-	-	2,207,479	-	-
MACKEREL, ATLANTIC:					
FILLETS, FROZEN	POUNDS	(1)	(1)	-	-
SALTED.	DO	(1)	(1)	-	-
OCEAN PERCH, ATLANTIC:					
FILLETS:					
FRESH AND FROZEN.	DO	14,803,805	4,824,364	-	-
BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)	(1)	(1)
SPECIALTIES FROZEN (DINNERS, ETC.).	DO	-	-	(1)	(1)
POLLOCK:					
FILLETS, FRESH AND FROZEN . .	DO	284,500	57,400	-	-
SALTED.	DO	(1)	(1)	-	-
SMOKED.	DO	(1)	(1)	-	-
SALMON, CANNED (SPREADS). . . .	STANDARD CASES	(1)	(1)	-	-
TUNA SPECIALTIES, CANNED (SPREADS).	DO	(1)	(1)	-	-
TURBOT SPECIALTIES, BREADED AND COOKED FROZEN.	POUNDS	-	-	(1)	(1)
WHITING, FRESH AND FROZEN:					
HEADED AND DRESSED.	DO	2,953,772	540,289	-	-
FILLETS	DO	259,551	69,115	-	-
CRABS, ROCK:					
FRESH AND FROZEN, COOKED MEAT	DO	107,408	277,737	-	-
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (DIPS, DEVILED AND SPREADS)	DO	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	MAINE		NEW HAMPSHIRE	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
LOBSTERS:					
AMERICAN (NORTHERN):					
FRESH AND FROZEN COOKED:					
WHOLE	POUNDS	110,000	208,250	-	-
MEAT	DO	225,872	1,557,626	(4)	(4)
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (DIPS, NEWBURGS, KNUCKLES, ETC.)	DO	(1)	(1)	-	-
SPINY TAILS, RAW FROZEN	POUNDS	-	-	(1)	(1)
SHRIMP:					
FRESH AND FROZEN:					
RAW HEADLESS	DO	(1)	(1)	(1)	(1)
COOKED WHOLE	DO	8,583,129	4,098,589	-	-
PEELED (INCLUDING DEVEINED):					
RAW	POUNDS	2,230,894	2,411,174	-	-
COOKED	DO	1,822,720	2,338,057	-	-
BREADED, RAW AND COOKED	DO	(1)	(1)	-	-
CANNED SPECIALTIES (DIPS)	STANDARD CASES	(1)	(1)	-	-
CLAMS:					
FRESH AND FROZEN, SHUCKED SOFT	GALLONS	159,102	1,473,226	70,165	720,573
CANNED:					
WHOLE AND MINCED	STANDARD CASES	(1)	(1)	-	-
CHOWDER AND MINCED	DO	(1)	(1)	-	-
SPECIALTIES (DIPS, IN SHELL STEWS, ETC.)	DO	(1)	(1)	-	-
CONCH MEATS:					
FRESH AND FROZEN	POUNDS	(1)	(1)	-	-
SALTED	DO	(1)	(1)	-	-
SCALLOPS, SEA, FRESH AND FROZEN:					
SHUCKED MEATS	DO	(1)	(1)	(1)	(1)
SPECIALTIES, BREADED RAW AND COOKED	DO	-	-	(1)	(1)
FROG MEAT, FROZEN	DO	-	-	(1)	(1)
UNCLASSIFIED:					
FRESH AND FROZEN, PACKAGED:					
STICKS, BREADED:					
RAW	DO	(1)	(1)	(1)	(1)
COOKED	DO	(1)	(1)	(1)	(1)
PORTIONS:					
RAW:					
NOT BREADED	DO	(1)	(1)	(1)	(1)
BREADED	DO	(1)	(1)	(1)	(1)
BREADED AND COOKED	DO	(1)	(1)	(1)	(1)
CAKES BREADED, RAW AND COOKED	DO	-	-	(1)	(1)
FISH AND SHELLFISH	DO	34,245,269	19,960,144	(4)	(4)
CANNED	STANDARD CASES	863,828	8,128,353	-	-
CURED	POUNDS	2,042,683	513,361	-	-
INDUSTRIAL	-	-	11,468,080	-	-
TOTAL	-	-	54,857,649	-	17,938,830

ITEM	UNIT	MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
CHUBS, SMOKED	POUNDS	(1)	(1)	-	-
COD:					
FILLETS:					
FRESH AND FROZEN	DO	9,868,623	6,064,546	-	-
BREADED, RAW AND COOKED	DO	2,193,400	1,370,867	-	-
STEAKS, FRESH AND FROZEN	DO	(2)	(2)	-	-
SPECIALTIES:					
FROZEN (CRISPS, FISH AND CHIPS, ETC.)	DO	5,691,926	3,097,864	-	-
CANNED (CAKES AND SALTED)	STANDARD CASES	(1)	(1)	-	-
OIL, LIVER	1000 LBS	(1)	(1)	-	-
CUSK FILLETS, FRESH AND FROZEN	POUNDS	368,831	182,092		

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
FLOUNDERS:					
FILLETS:					
FRESH AND FROZEN	POUNDS	24,040,161	18,297,260	1,451,308	960,795
BREADED, RAW AND COOKED, FROZEN	DO	4,040,881	2,890,466	-	-
SPECIALTIES, FROZEN (DINNERS, IN SAUCES, ETC.)	DO	(1)	(1)	-	-
HADDOCK:					
FILLETS:					
FRESH AND FROZEN	DO	6,313,701	6,272,832	-	-
BREADED, RAW AND COOKED	DO	2,691,537	2,147,939	-	-
SPECIALTIES:					
FROZEN (AU GRATIN, DINNERS, ETC.)	DO	(1)	(1)	-	-
CANNED (FINNAN HADDLE AND ROE)	STANDARD CASES	(1)	(1)	-	-
HAKE, FILLETS AND STEAKS, FRESH AND FROZEN	POUNDS	384,963	131,406	-	-
HALIBUT:					
FILLETS AND STEAKS, FRESH AND FROZEN	DO	1,396,355	1,243,723	-	-
OIL, LIVER	1000 LBS	(1)	(1)	-	-
HERRING, SEA:					
FILLETS, FROZEN	POUNDS	13,712,940	1,943,970	-	-
SALTED	DO	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
OIL	1000 LBS	(1)	(1)	-	-
MACKEREL, ATLANTIC, SMOKED	POUNDS	(1)	(1)	-	-
MENHADEN:					
MEAL AND SCRAP	TONS	-	-	1,265	202,400
OIL	1000 LBS	-	-	1,190	104,398
SOLUBLES	TONS	-	-	677	60,930
OCEAN PERCH, ATLANTIC:					
FILLETS:					
FRESH AND FROZEN	POUNDS	3,539,174	1,250,539	-	-
BREADED, RAW AND COOKED FROZEN	DO	6,018,344	2,972,358	-	-
SPECIALTIES, FROZEN (DINNERS, ETC.)	DO	(1)	(1)	-	-
POLLOCK:					
FILLETS:					
FRESH AND FROZEN	DO	2,423,542	906,424	-	-
BREADED RAW, FROZEN	DO	(1)	(1)	-	-
STEAKS, FRESH AND FROZEN	DO	145,793	37,711	-	-
SPECIALTIES, FROZEN (CHIPS)	DO	(1)	(1)	-	-
CANNED (FLAKES)	STANDARD CASES	(1)	(1)	-	-
SABLEFISH, SMOKED	POUNDS	(1)	(1)	-	-
SALMON:					
FROZEN:					
STEAKS	DO	88,987	96,102	-	-
SPECIALTIES (PATTIES)	DO	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	-	-
SHAD FILLETS, FRESH (BONED)	DO	-	-	25,000	62,500
SMELT, BREADED AND COOKED, FROZEN	DO	54,428	25,955	-	-
TUNA SPECIALTIES:					
FROZEN (WITH NOODLES)	DO	(1)	(1)	-	-
OIL, LIVER	1000 LBS	(1)	(1)	-	-
TURBOT SPECIALTIES, BREADED AND COOKED, FROZEN	POUNDS	(1)	(1)	-	-
WHITEFISH, SMOKED	DO	(1)	(1)	-	-
WHITING, FRESH AND FROZEN:					
HEADED AND DRESSED	DO	7,416,614	1,580,675	-	-
FILLETS	DO	222,690	85,096	-	-
WOLFFISH:					
FILLETS:					
FRESH AND FROZEN	DO	212,319	93,122	-	-
BREADED RAW	DO	(1)	(1)	-	-
STEAKS, FROZEN	DO	(2)	(2)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
CRABS:					
ROCK, FRESH AND FROZEN, COOKED MEAT	POUNDS	(1)	(1)	-	-
BLUE, SPECIALTIES, FROZEN (CAKES, BREADED AND COOKED).	DO	(1)	(1)	-	-
LOBSTERS, AMERICAN (NORTHERN):					
FRESH AND FROZEN, COOKED MEAT . .	DO	457,351	2,585,735	52,700	346,650
CANNED SPECIALTIES (DIPS, NEWBURGS, KNUCKLES, ETC.).	STANDARD CASES	-	-	(1)	(1)
SHRIMP, FRESH AND FROZEN:					
COOKED, WHOLE		(1)	(1)	-	-
PEELED (INCLUDING DEVEINED), COOKED	DO	7,451,000	10,040,000	-	-
BREADED, RAW AND COOKED	DO	1,327,262	2,026,498	-	-
SPECIALTIES (COCKTAILS, CROQUETTES, PATTIES, ETC.)	DO	3,509,054	2,520,925	-	-
CLAMS:					
FRESH AND FROZEN:					
SHUCKED:					
HARD AND SURF (INCLUDES OCEAN QUAHOGS)	GALLONS	359,618	1,366,651	685,027	2,692,568
SOFT.	DO	79,947	708,155	-	-
SPECIALTIES, FROZEN (STUFFED CHOWDER STRIPS, ETC.).	POUNDS	1,779,613	1,598,772	(1)	(1)
CANNED:					
WHOLE AND MINCED.	STANDARD CASES	-	-	(1)	(1)
CHOWDER AND JUICE	DO	(1)	(1)	(1)	(1)
SPECIALTIES (DIPS, IN SHELL, STEWS, ETC.)	DO	-	-	(1)	(1)
CONCH MEATS, FRESH AND FROZEN . . .	POUNDS	(1)	(1)	408,125	282,232
OYSTERS:					
SHUCKED	GALLONS	-	-	(1)	(1)
SPECIALTIES (STEWS COOKED). . . .	POUNDS	(1)	(1)	-	-
SCALLOPS, FRESH AND FROZEN:					
BAY SHUCKED	GALLONS	141,068	2,188,329	-	-
SEA:					
SHUCKED MEATS	POUNDS	705,870	1,188,682	-	-
SPECIALTIES:					
BREADED, RAW AND COOKED . . .	DO	2,836,308	4,714,291	-	-
OTHER (DINNERS AND IN SAUCES)	DO	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN, PACKAGED:					
STICKS, BREADED:					
RAW	DO	872,106	474,565	-	-
COOKED.	DO	35,395,584	20,970,840	-	-
PORTIONS:					
RAW:					
NOT BREADED	DO	1,568,998	891,792	-	-
BREADED	DO	50,888,986	25,956,562	-	-
BREADED AND COOKED.	DO	19,280,068	11,113,398	-	-
CAKES BREADED, RAW AND COOKED .	DO	6,087,420	2,556,583	-	-
DINNERS, BREADED, RAW AND COOKED	DO	9,509,763	7,162,503	-	-
FISH AND SHELLFISH.	DO	4,411,896	3,974,648	430,894	453,672
CANNED.	STANDARD CASES	753,662	19,162,379	(1)	(1)
CURED	POUNDS	(1)	(1)	-	-
INDUSTRIAL.	-	-	1,599,027	-	378,745
TOTAL	-	-	173,251,956	-	5,544,890

1/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

2/ THE PRODUCTION OF STEAKS HAS BEEN INCLUDED WITH THE FILLET PRODUCTION.

3/ THE PRODUCTION OF HAKE, HALIBUT AND SEA HERRING FILLETS, PRODUCED IN MAINE HAS BEEN INCLUDED WITH MASSACHUSETTS.

4/ THE PRODUCTION OF FRESH COOKED LOBSTER MEAT AND UNCLASSIFIED FISH AND SHELLFISH PRODUCED IN NEW HAMPSHIRE HAS BEEN INCLUDED WITH MAINE.

NOTE:-- THIS TABLE MAY NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE LANDINGS WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

NEW ENGLAND FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1971

ITEM	THOUSAND DOLLARS
PACKAGED:	
FRESH	43,646
FROZEN	152,009
CANNED	38,188
CURED	1,729
INDUSTRIAL	16,021
TOTAL	251,593

VALUE OF PROCESSED PRODUCTS, BY STATES, 1971

STATE	THOUSAND DOLLARS
MAINE	54,858
NEW HAMPSHIRE	17,939
MASSACHUSETTS	173,252
RHODE ISLAND	5,290
CONNECTICUT	254
TOTAL	251,593

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971

STATE	PROCESSING			WHOLESALE			TOTAL		
	PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR		SEASON	YEAR		SEASON	YEAR
	-NUMBER-								
MAINE	100	4,624	2,946	142	391	283	242	5,015	3,229
NEW HAMPSHIRE	10	414	348	3	11	10	13	425	358
MASSACHUSETTS	110	4,643	3,965	102	918	812	212	5,561	4,777
RHODE ISLAND	15	204	170	17	102	84	32	306	254
CONNECTICUT	4	25	21	4	16	13	8	41	34
TOTAL	239	9,910	7,450	268	1,438	1,202	507	11,348	8,652

NOTE:--EMPLOYMENT IS REPORTED BY EACH PLANT FOR EACH MONTH FOR THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF THE MONTH. EMPLOYMENT FOR THE SEASON IS BASED ON THE GREATEST NUMBER OF EMPLOYEES WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH. EMPLOYMENT FOR THE YEAR IS OBTAINED BY ADDING THE NUMBER OF EMPLOYEES RECORDED AS WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH, FOR THE YEAR, AND DIVIDING BY 12.

MAINE

OPERATING UNITS BY GEAR, 1971

ITEM	STOP SEINES	PURSE SEINES, HERRING	BAG NETS	OTTER TRAWLS		WEIRS	FLOATING TRAPS
				FISH	SHRIMP		
				NUMBER			
FISHERMEN:							
ON VESSELS	32	47	-	369	263	-	-
ON BOATS AND SHORE:							
REGULAR	26	8	1	63	245	36	2
CASUAL	62	16	3	47	201	24	4
TOTAL	120	71	4	479	709	60	6
VESSELS, MOTOR	8	12	-	128	122	-	-
GROSS TONNAGE	136	702	-	8,331	4,047	-	-
BOATS:							
MOTOR	29	14	2	55	223	30	2
OTHER	57	14	2	-	-	30	2
GEAR	30	20	2	183	345	30	2

ITEM	POTS AND TRAPS			GILL NETS, ANCHOR, SET, OR STAKE	LINES		DIP NETS, COMMON
	LOBSTER	SHRIMP	BOX TRAPS		HAND	LONG OR SET WITH HOOKS	
				NUMBER			
FISHERMEN:							
ON VESSELS	36	-	-	7	-	-	-
ON BOATS AND SHORE:							
REGULAR	3,592	20	2	2	55	91	-
CASUAL	3,042	-	6	2	127	75	57
TOTAL	6,670	20	8	11	182	166	57
VESSELS, MOTOR	34	-	-	3	-	-	-
GROSS TONNAGE	394	-	-	77	-	-	-
BOATS:							
MOTOR	6,635	19	4	2	64	88	-
OTHER	-	-	4	-	-	-	-
GEAR	1,278,226	2,930	4	5	182	88	57

ITEM	HARPOONS	DREDGES		RAKES	HOES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
		SCALLOP, SEA	OTHER				
				NUMBER			
FISHERMEN:							
ON VESSELS	-	2	-	-	-	-	486
ON BOATS AND SHORE:							
REGULAR	34	67	5	-	1,868	6	5,414
CASUAL	53	55	5	92	2,661	25	5,908
TOTAL	87	124	10	92	4,529	31	11,808
VESSELS, MOTOR	-	1	-	-	-	-	181
GROSS TONNAGE	-	8	-	-	-	-	9,391
BOATS:							
MOTOR	43	91	5	92	-	-	6,889
OTHER	-	-	-	-	-	-	108
GEAR	43	92	5	92	4,529	-	-

MAINE - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	STOP SEINES		PURSE SEINES, HERRING		BAG NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HERRING, SEA.	7,113,500	198,608	21,051,300	476,320	-	-
MACKEREL, ATLANTIC.	-	-	19,800	790	-	-
SMELT	-	-	-	-	45,000	11,386
TOTAL	7,113,500	198,608	21,071,100	477,110	45,000	11,386

SPECIES	OTTER TRAWLS				WEIRS	
	FISH		SHRIMP			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	3,074,500	243,428	-	-	-	-
CUSK.	222,600	17,476	-	-	-	-
FLOUNDERS:						
BLACKBACK	145,800	11,653	-	-	-	-
DAB	509,600	48,701	-	-	-	-
GRAY SOLE	514,300	56,782	-	-	-	-
LEMON SOLE.	800	73	-	-	-	-
YELLOWTAIL.	86,500	8,776	-	-	-	-
HADDOCK	764,500	167,686	-	-	-	-
HAKE, WHITE	952,600	49,416	-	-	-	-
HALIBUT	37,900	20,460	-	-	-	-
HERRING, SEA.	18,400	1,489	-	-	388,100	10,929
MACKEREL, ATLANTIC.	2,400	292	-	-	80,000	4,547
OCEAN PERCH	46,629,900	2,347,169	-	-	-	-
POLLOCK	671,000	41,243	-	-	-	-
SHARKS.	200	18	-	-	-	-
SMELT	200	40	-	-	-	-
STURGEON, COMMON.	700	70	-	-	-	-
WHITING	9,900,300	479,651	-	-	-	-
WOLFFISH.	14,500	609	-	-	-	-
UNCLASSIFIED:						
FOR FOOD.	600,400	44,756	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	125,300	2,534	-	-	-	-
SHRIMP.	-	-	18,262,200	3,640,446	-	-
SQUID	300	34	-	-	-	-
TOTAL	64,272,700	3,542,356	18,262,200	3,640,446	468,100	15,476

SPECIES	FLOATING TRAPS		POTS AND TRAPS			
			LOBSTER		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MACKEREL, ATLANTIC.	122,400	8,563	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	400	10	-	-	-	-
CRABS, ROCK	-	-	790,000	52,326	-	-
LOBSTERS, AMERICAN.	-	-	17,558,500	17,481,291	-	-
SHRIMP.	-	-	-	-	156,900	30,368
CONCHS.	-	-	10,000	1,200	-	-
TOTAL	122,800	8,573	18,358,500	17,534,817	156,900	30,368

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
	BOX TRAPS				HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	853,800	65,352	110,100	6,354
CUSK.	-	-	5,000	356	200	6
EEL, COMMON	54,300	15,204	-	-	-	-
HADDOCK	-	-	35,500	7,517	300	42
HAKE, WHITE	-	-	177,000	10,523	6,000	279
HALIBUT	-	-	100	56	2,300	999
POLLOCK	-	-	215,800	13,940	700	30
SMELT	-	-	-	-	22,300	4,972
STURGEON, COMMON.	-	-	100	18	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	800	41	-	-	-	-
TOTAL	55,100	15,245	1,287,300	97,762	141,900	12,682

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MAINE - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	LINES - CONTINUED LONG OR SET WITH HOOKS		DIP NETS, COMMON		HARPOONS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	1,953,600	45,916	-	-
COD	341,000	20,078	-	-	-	-
CUSK	81,500	5,642	-	-	-	-
HADDOCK	20,600	4,449	-	-	-	-
HAKE, WHITE	836,400	47,254	-	-	-	-
HALIBUT	36,700	15,222	-	-	-	-
POLLOCK	2,800	156	-	-	-	-
SMELT	-	-	10,400	2,062	-	-
TUNA, BLUEFIN	-	-	-	-	136,000	12,642
UNCLASSIFIED:						
FOR FOOD	800	80	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	4,200	120	-	-
TOTAL	1,319,800	92,881	1,968,200	48,098	136,000	12,642

SPECIES	DREDGES				RAKES	
	SCALLOP, SEA		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SCALLOPS, SEA	387,200	563,859	-	-	-	-
SEA URCHINS	-	-	52,100	4,225	-	-
IRISH MOSS	-	-	-	-	470,000	14,100
TOTAL	387,200	563,859	52,100	4,225	470,000	14,100

SPECIES	HOES		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:				
HARD, PUBLIC	6,400	7,994	-	-
SOFT, PUBLIC	5,250,000	2,694,244	-	-
MUSSELS, SEA	150,200	35,051	-	-
PERIWINKLES AND COCKLES	-	-	28,400	15,004
BLOODWORMS	808,200	1,381,676	-	-
SANDWORMS	752,900	674,296	-	-
TOTAL	6,967,700	4,793,261	28,400	15,004

NEW HAMPSHIRE

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	BAG NETS	OTTER TRAWLS		WEIRS	POTS AND TRAPS	
			FISH	SHRIMP		CRAB	LOBSTER
	NUMBER						
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	3	-	9	9	-	4	82
CASUAL	12	7	-	-	5	18	263
TOTAL	15	7	9	9	5	22	345
BOATS:							
MOTOR	5	-	3	3	1	16	240
OTHER	3	-	-	-	1	-	4
GEAR	5	5	3	3	4	425	18,600

ITEM	GILL NETS, ANCHOR, SET, OR STAKE	LINES		DIP NETS, COMMON	HARPOONS	SPEARS	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
		HAND	LONG OR SET WITH HOOKS					
	NUMBER							
FISHERMEN, ON BOATS AND SHORE:								
REGULAR	5	10	12	-	4	-	2	87
CASUAL	5	200	-	22	19	16	24	478
TOTAL	10	210	12	22	23	16	26	565
BOATS:								
MOTOR	2	2	5	-	10	-	-	249
OTHER	-	-	-	-	-	-	-	[illegible]
GEAR	2	466	5	22	10	16	26	-

NEW HAMPSHIRE - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		BAG NETS		OTTER TRAWLS FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	-	-	24,000	3,640
FLOUNDERS:						
BLACKBACK	-	-	-	-	4,800	510
DAB	-	-	-	-	3,600	432
GRAY SOLE	-	-	-	-	3,700	666
YELLOWTAIL	-	-	-	-	45,000	5,475
HADDOCK	-	-	-	-	800	170
HAKE, WHITE	-	-	-	-	1,200	96
LAUNCE	21,000	4,620	-	-	-	-
OCEAN PERCH	-	-	-	-	6,500	195
SMELT	-	-	2,200	990	-	-
WHITING	-	-	-	-	15,000	750
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	3,300	396
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	2,200	55
TOTAL	21,000	4,620	2,200	990	110,100	12,385

SPECIES	OTTER TRAWLS - CONTINUED SHRIMP		WEIRS		POTS AND TRAPS CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	20,000	600	-	-
COD	12,500	1,750	-	-	-	-
EEL, COMMON	-	-	2,800	700	-	-
FLOUNDERS:						
BLACKBACK	2,500	275	-	-	-	-
DAB	1,500	180	-	-	-	-
GRAY SOLE	700	112	-	-	-	-
YELLOWTAIL	7,500	900	-	-	-	-
HADDOCK	300	66	-	-	-	-
HAKE, WHITE	500	40	-	-	-	-
OCEAN PERCH	5,000	150	-	-	-	-
SMELT	-	-	6,400	1,728	-	-
UNCLASSIFIED, FOR FOOD	2,000	240	-	-	-	-
CRABS, GREEN	-	-	-	-	35,000	4,900
SHRIMP	112,000	17,920	-	-	-	-
TOTAL	144,500	21,633	29,200	3,028	35,000	4,900

SPECIES	POTS AND TRAPS - CONTINUED LOBSTER		GILL NETS, ANCHOR, SET, OR STAKE		LINES HAND		LINES LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	-	-	1,500	150	-	-
COD	-	-	135,000	20,250	9,000	1,260	20,000	2,870
CUSK	-	-	-	-	-	-	1,800	144
HADDOCK	-	-	800	208	-	-	17,000	4,760
HAKE, WHITE	-	-	-	-	-	-	300	24
HALIBUT	-	-	-	-	-	-	800	640
MACKEREL, ATLANTIC	-	-	-	-	3,000	180	-	-
POLLOCK	-	-	2,000	160	400	32	-	-
SMELT	-	-	-	-	38,000	17,100	-	-
STRIPED BASS	-	-	-	-	15,000	3,750	-	-
STURGEON, COMMON	-	-	300	36	-	-	-	-
UNCLASSIFIED, FOR FOOD	-	-	1,200	144	-	-	500	60
CRABS, ROCK	18,000	1,260	-	-	-	-	-	-
LOBSTERS, AMERICAN	667,400	740,814						
TOTAL	685,400	742,074	139,300	20,798	66,900	22,472	40,400	8,498

SPECIES	DIP NETS, COMMON		HARPOONS		SPEARS		HOES	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	5,000	150	-	-	-	-	-	-
EEL, COMMON	-	-	-	-	4,300	1,161	-	-
SMELT	4,500	1,215	-	-	-	-	-	-
TUNA, BLUEFIN	-	-	32,000	2,480	-	-	-	-
SANDWORMS	-	-	-	-	-	-	17,000	17,850
TOTAL	9,500	1,365	32,000	2,480	4,300	1,161	17,000	17,850

MASSACHUSETTS

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	PURSE SEINES			
		HERRING	MACKEREL	MENHADEN	TUNA
	NUMBER				
FISHERMEN:					
ON VESSELS	-	41	36	6	33
ON BOATS AND SHORE:					
REGULAR	-	-	4	-	-
CASUAL	6	-	-	-	-
TOTAL	6	41	40	6	33
VESSELS, MOTOR	-	5	4	1	3
GROSS TONNAGE	-	616	424	75	412
BOATS:					
MOTOR	1	2	4	-	3
OTHER	1	-	2	-	-
GEAR	3	354	5	1	3

ITEM	OTTER TRAWLS			POUND NETS, FISH	FLOATING TRAPS
	FISH	LOBSTER	SHRIMP		
	NUMBER				
FISHERMEN:					
ON VESSELS	1,870	60	248	5	3
ON BOATS AND SHORE:					
REGULAR	-	-	-	10	20
CASUAL	-	-	-	-	12
TOTAL	1,870	60	248	15	35
VESSELS, MOTOR	337	10	55	1	1
GROSS TONNAGE	26,480	1,083	2,824	7	12
BOATS:					
MOTOR	-	-	-	4	6
OTHER	-	-	-	5	9
GEAR	337	10	55	19	9

ITEM	POTS AND TRAPS			GILL NETS	
	CONCH	EEL	LOBSTER	ANCHOR, SET, OR STAKE	DRIFT
	NUMBER				
FISHERMEN:					
ON VESSELS	-	-	72	11	-
ON BOATS AND SHORE:					
REGULAR	8	4	775	42	-
CASUAL	3	15	252	10	12
TOTAL	11	19	1,099	63	12
VESSELS, MOTOR	-	-	10	3	-
GROSS TONNAGE	-	-	1,224	89	-
BOATS:					
MOTOR	11	15	866	18	6
OTHER	-	-	7	-	-
GEAR	340	264	110,672	21	72

ITEM	LINES			DIP NETS, COMMON	HARPOONS
	HAND	TROLL	LONG OR SET WITH HOOKS		SWORDFISH
	NUMBER				
FISHERMEN:					
ON VESSELS	6	-	32	-	24
ON BOATS AND SHORE:					
REGULAR	143	-	152	6	2
CASUAL	1,805	21	64	106	28
TOTAL	1,954	21	248	112	54
VESSELS, MOTOR	3	-	11	-	6
GROSS TONNAGE	88	-	254	-	156
BOATS:					
MOTOR	885	7	92	101	11
OTHER	-	-	-	-	10
GEAR	2,157	15	103	111	17

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - OPERATING UNITS BY GEAR, 1971 - Continued

ITEM	HARPOONS - CONTINUED	SPEARS	DREDGES		
	OTHER		CLAM	MUSSEL	OYSTER, COMMON
	NUMBER				
FISHERMEN:					
ON VESSELS.	-	-	26	-	-
ON BOATS AND SHORE:					
REGULAR	2	23	2	13	6
CASUAL.	57	43	3	4	4
TOTAL	59	66	31	17	10
VESSELS, MOTOR.	-	-	10	-	-
GROSS TONNAGE	-	-	166	-	-
BOATS:					
MOTOR	29	26	2	13	3
OTHER	-	4	-	-	-
GEAR.	29	66	14	13	4

ITEM	DREDGES - CONTINUED		TONGS		RAKES
	SCALLOP				
	BAY	SEA	OYSTER	OTHER	OYSTER
	NUMBER				
FISHERMEN:					
ON VESSELS.	-	311	-	-	-
ON BOATS AND SHORE:					
REGULAR	317	-	11	21	9
CASUAL.	1,325	-	5	47	61
TOTAL	1,642	311	16	68	70
VESSELS, MOTOR.	-	39	-	-	-
GROSS TONNAGE	-	3,559	-	-	-
BOATS:					
MOTOR	994	-	9	58	3
OTHER	-	-	2	-	2
GEAR.	3,420	63	15	68	70

ITEM	RAKES - CONTINUED	HOES	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OTHER				
	NUMBER				
FISHERMEN:					
ON VESSELS.	-	-	-	-	2,349
ON BOATS AND SHORE:					
REGULAR	115	108	27	-	1,386
CASUAL.	793	641	10	30	4,231
TOTAL	908	749	37	30	7,966
VESSELS, MOTOR.	-	-	-	-	412
GROSS TONNAGE	-	-	-	-	32,126
BOATS:					
MOTOR	516	-	35	-	2,924
OTHER	-	-	-	-	39
GEAR.	737	748	37	60	-

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			HERRING		MACKEREL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	143,200	3,364	44,600	588	-	-
BLUEFISH	-	-	1,000	92	-	-
HERRING, SEA	-	-	12,493,400	193,675	-	-
LAUNCE	12,400	4,133	-	-	-	-
MACKEREL, ATLANTIC	-	-	-	-	1,658,200	31,516
POLLOCK	-	-	20,300	234	-	-
STRIPED BASS	-	-	800	353	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	500	46	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	403,300	5,999	-	-
TOTAL	155,600	7,497	12,963,900	200,987	1,658,200	31,516

SPECIES	PURSE SEINES - CONTINUED				OTTER TRAWLS	
	MENHADEN		TUNA		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	-	-	34,000	422
ANGLERFISH	-	-	-	-	142,800	8,005
BLUEFISH	-	-	-	-	35,600	3,823
BUTTERFISH	-	-	-	-	13,300	2,815
COD	-	-	-	-	37,454,900	4,760,716
CUSK	-	-	-	-	651,200	67,440
EEL, CONGER	-	-	-	-	400	19
FLOUNDERS:						
BLACKBACK	-	-	-	-	14,326,400	2,322,896
DAB	-	-	-	-	4,204,100	625,010
FLUKE	-	-	-	-	80,000	33,417
GRAY SOLE	-	-	-	-	5,521,300	933,131
LEMON SOLE	-	-	-	-	2,629,400	699,880
YELLOWTAIL	-	-	-	-	41,848,100	6,874,538
HADDOCK	-	-	-	-	18,961,300	4,916,636
HAKE:						
RED	-	-	-	-	805,100	40,490
WHITE	-	-	-	-	3,138,700	202,176
HALIBUT	-	-	-	-	73,500	44,347
HERRING, SEA	-	-	-	-	30,642,800	524,680
MACKEREL, ATLANTIC	-	-	-	-	210,500	8,952
MENHADEN	6,172,400	113,746	-	-	-	-
OCEAN PERCH	-	-	-	-	13,337,000	699,843
POLLOCK	-	-	-	-	8,991,500	713,658
SCUP OR PORGY	-	-	-	-	366,300	133,828
SEA BASS	-	-	-	-	17,400	11,410
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	100	16
SHARKS:						
GRAYFISH	-	-	-	-	700	28
UNCLASSIFIED	-	-	-	-	700	30
SKATES	-	-	-	-	133,700	9,181
STRIPED BASS	-	-	-	-	700	315
STURGEON, COMMON	-	-	-	-	1,000	131
TAUTOG	-	-	-	-	18,400	1,003
TILEFISH	-	-	-	-	1,100	138
TUNA:						
BLUEFIN	-	-	2,367,800	391,249	32,200	2,001
SKIPJACK	-	-	353,600	54,115	-	-
UNCLASSIFIED	-	-	110,000	8,800	-	-
TURBOT	-	-	-	-	23,400	4,675
WHITE PERCH	-	-	-	-	500	39
WHITING	-	-	-	-	15,074,900	888,007
WOLFFISH	-	-	-	-	564,200	39,152
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	4,636,200	531,100
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	8,239,000	136,091
LOBSTERS, AMERICAN	-	-	-	-	890,600	914,470
CONCHS	-	-	-	-	100	2
SCALLOPS, SEA	-	-	-	-	47,400	62,640
SQUID	-	-	-	-	661,900	46,655
TOTAL	6,172,400	113,740	2,831,400	454,164	213,812,400	26,263,806

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MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	OTTER TRAWLS - CONTINUED				POUND NETS, FISH	
	LOBSTER		SHRIMP			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	-	-	19,500	2,404
BONITO	-	-	-	-	12,700	1,914
BUTTERFISH	-	-	-	-	57,200	3,200
COD	-	-	-	-	2,800	312
FLOUNDERS:						
BLACKBACK	-	-	-	-	1,300	91
FLUKE	-	-	-	-	1,300	638
HERRING, SEA	-	-	-	-	171,600	5,609
MACKEREL, ATLANTIC	-	-	-	-	279,400	33,759
MENHADEN	-	-	-	-	124,000	2,479
POLLOCK	-	-	-	-	35,500	532
SCUP OR PORGY	-	-	-	-	177,400	59,250
SEA BASS	-	-	-	-	1,800	926
STRIPED BASS	-	-	-	-	36,700	11,184
TAUTOG	-	-	-	-	5,600	303
TUNA, BLUEFIN	-	-	-	-	100,400	28,442
UNCLASSIFIED, FOR FOOD	-	-	-	-	400	47
LOBSTERS, AMERICAN	408,600	464,099	-	-	-	-
SHRIMP	-	-	6,005,400	964,455	-	-
SQUID	-	-	-	-	314,200	29,010
TOTAL	408,600	464,099	6,005,400	964,455	1,341,800	180,100

SPECIES	FLOATING TRAPS		POTS AND TRAPS			
			CONCH		EEL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	500	21	-	-	-	-
COD	300	34	-	-	-	-
EEL, COMMON	-	-	-	-	23,500	7,725
FLOUNDERS, GRAY SOLE	100	20	-	-	-	-
HERRING, SEA	33,900	738	-	-	-	-
MACKEREL, ATLANTIC	883,000	59,221	-	-	-	-
MENHADEN	15,200	299	-	-	-	-
POLLOCK	34,800	769	-	-	-	-
STRIPED BASS	4,300	1,188	-	-	-	-
TAUTOG	100	3	-	-	-	-
TUNA, BLUEFIN	400	20	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	12,400	665	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	4,800	60	-	-	-	-
MUSSELS, SEA	-	-	46,700	11,333	-	-
SQUID	600	25	-	-	-	-
TOTAL	990,400	63,063	46,700	11,333	23,500	7,725

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	LOBSTER		ANCHOR, SET, OR STAKE		DRIFT	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	10,000	772	100	13
COD	-	-	1,550,600	186,370	2,200	378
CUSK	-	-	8,000	646	-	-
FLOUNDERS:						
BLACKBACK	-	-	170,800	21,280	-	-
DAB	-	-	700	77	-	-
GRAY SOLE	-	-	1,000	94	-	-
YELLOWTAIL	-	-	10,700	2,002	-	-
HADDOCK	-	-	134,000	29,494	-	-
HAKE, WHITE	-	-	82,600	4,491	-	-
HALIBUT	-	-	200	129	-	-
MACKEREL, ATLANTIC	-	-	-	-	44,300	10,671
OCEAN PERCH	-	-	1,900	307	-	-
POLLOCK	-	-	562,600	35,222	-	-
SHARKS:						
GRAYFISH	-	-	1,100	42	-	-
UNCLASSIFIED	-	-	300	14	-	-
STRIPED BASS	-	-	900	342	-	-
STURGEON, COMMON	-	-	1,100	129	-	-
TAUTOG	-	-	300	14	-	-
TUNA, BLUEFIN	-	-	-	-	600	320
WHITING	-	-	600	18	-	-
WOLFFISH	-	-	500	24	-	-
UNCLASSIFIED, FOR FOOD	-	-	133,900	16,330	-	-
CRABS, ROCK	81,900	7,291	-	-	-	-
LOBSTERS, AMERICAN	4,816,000	5,479,275	-	-	-	-
SQUID	-	-	-	-	1,900	35
TOTAL	4,897,900	5,486,566	2,671,800	297,797	49,100	11,417

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MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	173,800	21,582	-	-	32,200	4,929
COD	641,800	68,692	13,500	1,771	6,886,800	710,247
CUSK	-	-	6,900	457	823,500	66,964
EEL, COMMON	1,200	317	-	-	100	21
FLOUNDERS:						
BLACKBACK	1,200	288	-	-	3,900	405
DAB	-	-	-	-	4,200	534
FLUKE	7,500	3,500	-	-	-	-
GRAY SOLE	700	82	-	-	5,600	866
YELLOWTAIL	-	-	-	-	2,400	312
HADDOCK	3,100	906	7,500	2,550	1,238,700	374,172
HAKE:						
RED	-	-	-	-	2,000	153
WHITE	500	28	6,000	380	335,900	20,605
HALIBUT	600	436	100	30	92,200	76,290
HERRING, SEA	-	-	-	-	400	19
MACKEREL, ATLANTIC	14,400	1,102	-	-	26,900	1,501
OCEAN PERCH	-	-	-	-	1,200	59
POLLOCK	50,000	3,427	1,400	201	264,300	19,121
SCUP OR PORGY	19,400	9,216	-	-	1,000	279
SHARKS, UNCLASSIFIED	-	-	-	-	3,400	114
SKATES	-	-	-	-	2,500	112
SMELT	3,200	1,575	-	-	-	-
STRIPED BASS	687,400	182,045	-	-	18,600	3,914
TAUTOG	100	7	-	-	-	-
TUNA, BLUEFIN	204,300	26,367	20,400	2,042	500	32
WHITE PERCH	1,200	324	-	-	-	-
WHITING	-	-	-	-	1,200	31
WOLFFISH	200	14	-	-	19,400	895
UNCLASSIFIED, FOR FOOD	2,100	385	-	-	167,000	18,357
TOTAL	1,812,700	320,293	55,800	7,431	9,933,900	1,299,932

SPECIES	DIP NETS, COMMON		HARPOONS			
			SWORDFISH		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HERRING, SEA	12,000	2,167	-	-	-	-
SWORDFISH	-	-	73,200	70,815	-	-
TUNA, BLUEFIN	-	-	110,800	9,744	86,200	8,617
SCALLOPS, BAY	8,800	16,203	-	-	-	-
TOTAL	20,800	18,370	184,000	80,559	86,200	8,617

SPECIES	SPEARS		DREDGES			
			CLAM		MUSSEL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EEL, COMMON	51,700	15,106	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	280,200	127,355	-	-
OCEAN QUAHOG	-	-	4,800	2,080	-	-
SURF	-	-	9,700	2,271	-	-
MUSSELS, SEA	-	-	-	-	165,100	40,271
TOTAL	51,700	15,106	294,700	131,706	165,100	40,271

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	-	-	-	-	100	7
COD	-	-	-	-	1,400	113
FLOUNDERS:						
BLACKBACK	-	-	-	-	38,100	6,224
DAB	-	-	-	-	2,100	394
FLUKE	-	-	-	-	400	54
GRAY SOLE	-	-	-	-	4,500	737
LEMON SOLE	-	-	-	-	3,700	1,076
YELLOWTAIL	-	-	-	-	78,400	11,935
HADDOCK	-	-	-	-	200	42
WOLFFISH	-	-	-	-	200	10
UNCLASSIFIED, FOR FOOD	-	-	-	-	6,500	1,105

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OYSTERS, MARKET, PRIVATE:						
SPRING.	11,800	37,400	-	-	-	-
FALL.	9,800	30,940	-	-	-	-
SCALLOPS:						
BAY	-	-	2,031,200	3,474,396	-	-
SEA	-	-	-	-	3,901,600	5,777,205
TOTAL	21,600	68,340	2,031,200	3,474,396	4,037,200	5,798,902

SPECIES	TONGS				RAKES	
	OYSTER		OTHER		OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	-	-	41,600	38,900	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	[illegible],100	[illegible],3[illegible]0	-	-	[illegible],000	6,000
FALL.	700	1,470	-	-	[illegible],400	7,[illegible]40
PRIVATE:						
SPRING.	[illegible],600	14,300	-	-	1,200	3,000
FALL.	10,[illegible]00	[illegible],600	-	-	[illegible],500	6,[illegible]50
TOTAL	[illegible],600	43,690	41,600	38,900	[illegible],100	[illegible],490

SPECIES	RAKES - CONTINUED		HOES	
	OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:				
HARD:				
PUBLIC.	556,100	825,631	-	-
PRIVATE	297,000	329,000	-	-
RAZOR	-	-	1,600	1,600
SOFT:				
PUBLIC.	7,200	6,638	1,129,700	961,240
PRIVATE	-	-	28,400	24,806
SURF.	2,000	839	6,600	2,310
MUSSELS, SEA.	44,000	9,950	-	-
OYSTERS, MARKET, PRIVATE:				
SPRING.	3,900	9,600	-	-
FALL.	3,900	9,600	-	-
IRISH MOSS.	1,600,000	48,000	-	-
BLOODWORMS.	-	-	1,300	1,625
SANDWORMS	-	-	112,100	137,650
TOTAL	2,514,100	1,239,258	1,279,700	1,129,231

SPECIES	DIVING OUTFITS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
LOBSTERS, AMERICAN.	30,500	36,283	-	-
SCALLOPS, BAY	8,200	13,947	1,800	1,800
TOTAL	38,700	50,230	1,800	1,800

NEW ENGLAND FISHERIES
RHODE ISLAND
OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES		PURSE SEINES, MENHADEN	OTTER TRAWLS		FLOATING TRAPS
	COMMON	DANISH		FISH	LOBSTER	
	NUMBER					
FISHERMEN:						
ON VESSELS	-	5	27	358	200	34
ON BOATS AND SHORE:						
REGULAR	6	-	-	4	-	-
CASUAL	2	-	-	1	-	-
TOTAL	8	5	27	363	200	34
VESSELS, MOTOR	-	1	4	92	41	4
GROSS TONNAGE	-	51	321	4,641	3,002	135
BOATS:						
MOTOR	5	-	1	3	-	-
OTHER	-	-	1	-	-	8
GEAR	4	1	4	96	41	12

ITEM	POTS AND TRAPS			GILL NETS, ANCHOR, SET, OR STAKE	LINES		
	CONCH	EEL	LOBSTER		HAND	TROLL	LONG OR SET WITH HOOKS
	NUMBER						
FISHERMEN:							
ON VESSELS	3	-	90	-	[illegible]	4	-
ON BOATS AND SHORE:							
REGULAR	25	8	135	3	[illegible]	-	5
CASUAL	-	6	94	-	[illegible]	52	-
TOTAL	28	14	319	3	[illegible]	56	6
VESSELS, MOTOR	2	-	22	-	5	2	-
GROSS TONNAGE	22	-	8,517	-	64	37	-
BOATS, MOTOR	21	14	209	1	[illegible]	26	3
GEAR	1,557	320	40,7[illegible]1	[illegible]	[illegible]	56	3

ITEM	SPEARS	DREDGES			TONGS		RAKES
		CLAM	SCALLOP		OYSTER	OTHER	
			BAY	SEA			
	NUMBER						
FISHERMEN:							
ON VESSELS	-	91	-	15	-	-	-
ON BOATS AND SHORE:							
REGULAR	1	24	10	-	4	50	197
CASUAL	-	2	41	-	4	104	418
TOTAL	1	117	51	15	8	154	615
VESSELS, MOTOR	-	33	-	3	-	-	-
GROSS TONNAGE	-	95[illegible]	-	154	-	-	-
BOATS, MOTOR	1	13	51	-	-	154	615
GEAR	1	46	102	4	-	154	615

ITEM	HOES	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS	-	-	-	896
ON BOATS AND SHORE:			-	
REGULAR	19	-	-	390
CASUAL	55	2	2	728
TOTAL	74	2	2	2,014
VESSELS, MOTOR	-	-	-	174
GROSS TONNAGE	-	-	-	16,653
BOATS:				
MOTOR	-	-	-	979
OTHER	-	-	-	9
GEAR	74	2	2	-

RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES				PURSE SEINES, MENHADEN	
	COMMON		DANISH			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	52,500	1,875	-	-	-	-
COD	-	-	6,700	774	-	-
EEL, COMMON	2,600	1,145	-	-	-	-
FLOUNDERS:						
BLACKBACK	-	-	4,400	547	-	-
DAB	-	-	25,600	3,892	-	-
FLUKE	-	-	200	115	-	-
GRAY SOLE	-	-	155,400	28,252	-	-
YELLOWTAIL	-	-	176,900	13,582	-	-
HADDOCK	-	-	2,100	717	-	-
HAKE, WHITE	-	-	7,300	348	-	-
MENHADEN	-	-	-	-	18,970,600	205,607
OCEAN PERCH	-	-	100	5	-	-
POLLOCK	-	-	500	47	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	200	30
STRIPED BASS	2,600	905	-	-	-	-
WHITE PERCH	37,900	8,020	-	-	-	-
WHITING	-	-	1,100	79	-	-
WOLFFISH	-	-	2,100	91	-	-
UNCLASSIFIED, FOR FOOD	100	21	200	35	100	21
TOTAL	95,700	11,966	382,600	48,484	18,970,900	205,658

SPECIES	OTTER TRAWLS				FLOATING TRAPS	
	FISH		LOBSTER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	100	5	-	-	-	-
AMBERJACK	-	-	-	-	2,700	207
ANCHOVIES	-	-	-	-	2,100	899
ANGLERFISH	5,200	181	-	-	-	-
BLUEFISH	146,100	8,285	-	-	90,600	11,153
BONITO	200	25	-	-	43,500	8,946
BUTTERFISH	1,059,000	187,157	-	-	38,400	17,403
COD	2,216,900	282,880	-	-	23,400	3,202
CUSK	3,100	116	-	-	-	-
EEL, CONGER	7,100	1,418	-	-	-	-
FLOUNDERS:						
BLACKBACK	5,269,700	649,821	-	-	100	15
DAB	220,700	35,784	-	-	-	-
FLUKE	240,200	123,098	-	-	33,800	20,022
GRAY SOLE	1,000,800	155,491	-	-	-	-
LEMON SOLE	250,300	74,678	-	-	-	-
YELLOWTAIL	11,633,200	1,485,236	-	-	-	-
FRIGATE MACKEREL	-	-	-	-	164,800	9,086
HADDOCK	355,500	90,892	-	-	-	-
HAKE:						
RED	313,200	10,983	-	-	1,400	75
WHITE	219,700	11,939	-	-	-	-
HALIBUT	800	317	-	-	-	-
HERRING, SEA	2,885,300	61,754	-	-	2,600	253
KING WHITING OR "KINGFISH"	1,000	65	-	-	100	20
MACKEREL:						
ATLANTIC	176,500	15,186	-	-	1,500	64
SPANISH	-	-	-	-	100	23
MENHADEN	-	-	-	-	257,500	3,802
OCEAN PERCH	1,000	69	-	-	-	-
POLLOCK	16,600	1,076	-	-	3,300	243
POMPANO	-	-	-	-	200	53
SCUP OR PORGY	875,900	229,689	-	-	1,860,100	545,794
SEA BASS	13,200	7,385	-	-	25,000	13,886
SEA ROBIN	-	-	-	-	70,100	1,155
SEA TROUT OR WEAKFISH, GRAY	60,200	5,398	-	-	122,400	14,767
SHAD	39,500	959	-	-	2,700	236
SHARKS:						
GRAYFISH	-	-	-	-	100	8
UNCLASSIFIED	6,700	481	-	-	800	68
SKATES	3,100	168	-	-	3,300	279
STRIPED BASS	10,500	3,646	-	-	40,100	14,729

(CONTINUED ON NEXT PAGE)

RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	OTTER TRAWLS				FLOATING TRAPS	
	FISH		LOBSTER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
STURGEON, COMMON.	4,600	365	-	-	100	21
TAUTOG.	24,700	1,084	-	-	6,200	570
TILEFISH.	46,400	7,823	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	3,000	673
WHITE PERCH	800	281	-	-	-	-
WHITING	2,907,300	227,981	-	-	1,800	207
WOLFFISH.	9,000	636	-	-	-	-
UNCLASSIFIED:						
FOR FOOD.	58,500	7,134	-	-	400	49
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	24,121,200	469,283	-	-	341,400	11,288
LOBSTERS, AMERICAN.	-	-	2,458,500	2,694,953	-	-
CONCHS.	200	48	-	-	-	-
SCALLOPS, SEA	1,600	2,570	-	-	-	-
SQUID	551,900	91,879	-	-	151,400	36,561
TOTAL	54,757,500	4,253,266	2,458,500	2,694,953	3,295,000	715,757

SPECIES	POTS AND TRAPS					
	CONCH		EEL		LOBSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EEL, COMMON	-	-	34,800	10,749	-	-
LOBSTERS, AMERICAN.	-	-	-	-	2,930,200	3,342,558
CONCHS.	137,200	45,717	-	-	2,400	671
CRABS, ROCK	-	-	-	-	39,400	5,678
TOTAL	137,200	45,717	34,800	10,749	2,972,000	3,348,907

SPECIES	GILL NETS, ANCHOR, SET, OR STAKE		LINES			
			HAND		TROLL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	-	-	26,500	1,953	7,800	1,253
BONITO.	-	-	100	12	-	-
COD	11,900	1,608	28,600	3,901	-	-
EEL, CONGER	-	-	1,000	202	-	-
FLOUNDERS:						
BLACKBACK	-	-	1,100	120	-	-
FLUKE	-	-	300	161	-	-
MACKEREL, ATLANTIC.	-	-	1,000	271	-	-
SCUP OR PORGY	-	-	100	30	-	-
SEA BASS.	-	-	700	482	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	100	14	100	13
SHARKS, UNCLASSIFIED. . . .	-	-	100	3	-	-
STRIPED BASS.	-	-	75,900	19,397	2,100	500
TAUTOG.	-	-	6,300	704	-	-
TUNA, BLUEFIN	-	-	-	-	5,400	726
WHITE PERCH	-	-	200	51	-	-
TOTAL	11,900	1,608	142,000	27,301	15,400	2,492

SPECIES	LINES - CONTINUED		SPEARS		DREDGES	
	LONG OR SET WITH HOOKS				CLAM	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	21,800	3,206	-	-	-	-
EEL, COMMON	-	-	1,500	600	-	-
CLAMS:						
HARD, PUBLIC.	-	-	-	-	45,900	16,412
OCEAN QUAHOG.	-	-	-	-	1,495,200	253,376
SURF.	-	-	-	-	154,800	32,259
CONCHS.	-	-	-	-	3,100	998
TOTAL	21,800	3,206	1,500	600	1,699,000	303,045

SPECIES	DREDGES - CONTINUED				TONGS			
	SCALLOP							
	BAY		SEA		OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	-	-	-	-	-	-	203,900	160,228
OYSTERS, MARKET, PUBLIC, FALL	-	-	-	-	3,300	4,675	-	-
SCALLOPS:								
BAY	12,700	24,204	-	-	-	-	-	-
SEA	-	-	8,000	11,992	-	-	-	-
TOTAL	12,700	24,204	8,000	11,992	3,300	4,675	203,900	160,228

RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	RAKES		HOES		DIVING OUTFITS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:								
HARD, PUBLIC.	815,900	640,908	-	-	2,100	1,025	-	-
SOFT, PUBLIC.	-	-	49,600	33,819	-	-	-	-
CONCHS.	500	125	-	-	-	-	2,600	680
TOTAL	816,400	641,033	49,600	33,819	2,100	1,025	2,600	680

CONNECTICUT

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS		
				CONCH	EEL	LOBSTER
	NUMBER					
FISHERMEN:						
ON VESSELS.	-	26	-	4	-	12
ON BOATS AND SHORE:						
REGULAR	8	27	5	12	9	125
CASUAL.	8	50	-	6	24	472
TOTAL	16	103	5	22	33	609
VESSELS, MOTOR.	-	9	-	2	-	7
GROSS TONNAGE	-	277	-	16	-	59
BOATS, MOTOR.	12	47	3	15	29	427
GEAR.	12	56	14	981	423	25,929

ITEM	GILL NETS			LINES, HAND	DIP NETS, COMMON	SPEARS
	ANCHOR, SET, OR STAKE	DRIFT				
		SHAD	OTHER			
	NUMBER					
FISHERMEN:						
ON VESSELS.	-	2	-	-	-	-
ON BOATS AND SHORE:						
REGULAR	-	47	18	27	-	4
CASUAL.	11	34	17	141	5	-
TOTAL	11	83	35	168	5	4
VESSELS, MOTOR.	-	1	-	-	-	-
GROSS TONNAGE	-	11	-	-	-	-
BOATS:						
MOTOR	-	33	25	106	-	-
OTHER	8	1	-	-	-	-
GEAR.	8	34	25	168	5	4

ITEM	DREDGES		TONGS		HOES	TOTAL, EXCLUSIVE OF DUPLI-CATION
	CLAM	OYSTER, COMMON	OYSTER	OTHER		
	NUMBER					
FISHERMEN:						
ON VESSELS.	18	7	-	-	-	63
ON BOATS AND SHORE:						
REGULAR	2	1	1	2	-	188
CASUAL.	-	-	-	8	2	550
TOTAL	20	8	1	10	2	801
VESSELS, MOTOR.	5	3	-	-	-	24
GROSS TONNAGE	176	94	-	-	-	609
BOATS:						
MOTOR	2	1	1	10	1	494
OTHER	-	-	-	-	-	8
GEAR.	7	6	1	10	2	-

CONNECTICUT - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, FISH		FYKE AND HOOP NETS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	12,400	654	1,900	45	-	-
ANGLERFISH	-	-	400	20	-	-
BLUEFISH	100	12	7,100	570	-	-
BUTTERFISH	-	-	10,600	1,982	-	-
CARP	1,500	150	-	-	1,500	150
CATFISH AND BULLHEADS	3,100	480	-	-	23,700	3,900
COD	-	-	178.000	22,692	-	-
EEL, COMMON	-	-	-	-	100	30
FLOUNDERS:						
BLACKBACK	1,100	165	812,300	100,199	-	-
DAB	-	-	500	75	-	-
FLUKE	-	-	32,900	16,785	-	-
GRAY SOLE	-	-	1,300	207	-	-
YELLOWTAIL	-	-	474.300	47,430	-	-
HAKE:						
RED	-	-	8,200	287	-	-
WHITE	-	-	300	30	-	-
HERRING, SEA	-	-	2,400	123	-	-
MACKEREL, ATLANTIC	-	-	1,000	100	-	-
MENHADEN	56,100	2,805	1,000	40	-	-
POLLOCK	-	-	300	30	-	-
SCUP OR PORGY	-	-	108,000	30,468	-	-
SEA BASS	-	-	900	503	-	-
SEA ROBIN	-	-	90,100	3,689	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	2,900	320	-	-
SHARKS:						
GRAYFISH	-	-	8,400	382	-	-
UNCLASSIFIED	-	-	100	7	-	-
SKATES	100	5	9,900	415	-	-
STURGEON, COMMON	-	-	400	50	-	-
TAUTOG	-	-	2,900	268	-	-
WHITE PERCH	9,200	1,940	-	-	13,100	2,817
WHITING	-	-	288,600	16,127	-	-
UNCLASSIFIED:						
FOR FOOD	7,600	2,263	38,600	9,361	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	24,800	1,240	1,737,300	86,865	-	-
HORSESHOE CRABS	-	-	7,400	925	-	-
LOBSTERS, AMERICAN	-	-	1,000	1,235	-	-
CONCHS	-	-	700	161	-	-
SQUID	-	-	86,200	15,779	-	-
TOTAL	116,000	9,714	3,915,900	357,170	38,400	6,897

SPECIES	POTS AND TRAPS					
	CONCH		EEL		LOBSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EEL, COMMON	-	-	34,300	9,385	-	-
LOBSTERS, AMERICAN	-	-	-	-	521,500	655,928
CONCHS	177,400	48,480	-	-	12,400	3,306
TOTAL	177,400	48,480	34,300	9,385	533,900	659,234

SPECIES	GILL NETS					
	ANCHOR, SET, OR STAKE		DRIFT			
			SHAD		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	-	-	4,900	320
BLUEFISH	-	-	-	-	2,500	285
HERRING, SEA	-	-	-	-	300	21
MACKEREL, ATLANTIC	-	-	-	-	300	75
MENHADEN	-	-	-	-	296,300	14,815
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	200	45
SHAD	4,300	1,224	236,400	66,192	-	-
SHARKS, GRAYFISH	-	-	-	-	100	4
TAUTOG	-	-	-	-	700	105
WHITE PERCH	-	-	-	-	900	278
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	7,400	2,220
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	281,700	14,085
TOTAL	4,300	1,224	236,400	66,192	595,300	32,253

(CONTINUED ON NEXT PAGE)

CONNECTICUT - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	LINES, HAND		DIP NETS, COMMON		SPEARS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	5,800	231	-	-
BLUEFISH	73,100	7,637	-	-	-	-
COD	2,000	302	-	-	-	-
EEL, COMMON	400	152	-	-	9,000	3,600
FLOUNDERS:						
BLACKBACK	3,400	511	-	-	-	-
FLUKE	700	355	-	-	-	-
MACKEREL, ATLANTIC	9,400	1,645	-	-	-	-
SEA ROBIN	600	30	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	14,000	2,169	-	-	-	-
SHARKS:						
GRAYFISH	600	31	-	-	-	-
UNCLASSIFIED	300	16	-	-	-	-
SKATES	200	8	-	-	-	-
TAUTOG	6,200	620	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	51,600	15,378	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	6,200	271	-	-	-	-
CRABS, BLUE, HARD	-	-	400	106	-	-
TOTAL	168,700	29,125	6,200	337	9,000	3,600

SPECIES	DREDGES				TONGS	
	CLAM		OYSTER, COMMON		OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:						
HARD:						
PUBLIC	2,600	1,080	-	-	-	-
PRIVATE	271,900	204,273	-	-	-	-
OCEAN QUAHOG	532,300	89,967	-	-	-	-
CONCHS	3,000	850	-	-	-	-
MUSSELS, SEA	-	-	400	78	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	100	180
FALL	-	-	2,700	4,537	-	-
PRIVATE:						
SPRING	-	-	75,000	130,224	-	-
FALL	-	-	54,900	95,599	-	-
TOTAL	809,800	296,170	133,000	230,438	100	180

SPECIES	TONGS - CONTINUED		HOES	
	OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:				
HARD, PUBLIC	900	1,168	-	-
SOFT, PUBLIC	-	-	200	170
TOTAL	900	1,168	200	170

SECTION 3 - MIDDLE ATLANTIC FISHERIES

Commercial landings of fish and shellfish at ports in the Middle Atlantic States (New York, New Jersey, and Delaware) were 161.6 million pounds worth $32.4 million--a gain of 21.6 million pounds and $2.5 million compared with 1970. Improved landings of gray sea trout, menhaden, yellowtail flounder, whiting, and oysters contributed to the greater volume. However, landings of bluefish, bluefin tuna, bay and sea scallops, and scup declined moderately; and landings of surf clams declined sharply compared with 1970.

New Jersey led in volume with 115.6 million pounds (71.5 percent) followed by New York with 36.4 million (22.5 percent), and Delaware, 9.6 million (6.0 percent). New York led in value of landings with $18.6 million (57.3 percent), New Jersey followed with $12.2 million (37.6 percent), and Delaware had $1.6 million (5.1 percent).

Fishermen and vessels. The Middle Atlantic States had 8,458 fishermen operating 424 vessels (craft of 5 net tons or more)--a decline of 11 fishermen and 31 vessels compared with 1970. The number of other boats also declined from 143 in 1970 to 126 in 1971. However, fishermen used 5,122 motor boats--an increase of 1,244 compared with 1970.

Processed products. The value of processed seafood items in the four-State Middle Atlantic area (including Pennsylvania) was $160.7 million--a gain of $21.3 million compared with 1970. New York led with products valued at $56.9 million; followed by New Jersey with $52.8 million; Pennsylvania, $46.3 million; and Delaware, $4.7 million. There were 5,655 persons employed in the 383 wholesaling and processing plants in the four States--a decline of 51 persons, but an increase of 16 plants compared with 1970.

Clams. Hard clam landings yielded 11.1 million pounds of meats worth $12.5 million--an increase of 5 percent in quantity and 18 percent in value compared with 1970. Landings were the best since 1951. The New York harvest of 8.5 million pounds accounted for 77 percent of the total and was the third largest on record. The average price per pound in New York was $1.26--largely because of the half-shell trade. In New Jersey, the average price per pound was about 68 cents. State officials in New Jersey opened part of Barnegat Bay to clammers in February. The area had previously been closed because of pollution. This action helped fishermen at a time of year when production is usually poor. In June, however, State officials closed other areas because of impure water. The closed areas were principally in Sandy Hook Bay, and in the Raritan, Shrewsbury, and Navesink Rivers.

Landings of surf clams yielded 40.1 million pounds of meats worth $5.3 million--a decline of 12.5 million pounds and $765,000 compared with the record volume and value of 1970. Depleted clam stocks, especially the offshore clam preferred by consumers, were a factor contributing to the smaller landings. Many vessels fishing for these clams moved south of the Middle Atlantic area in search of new grounds. Another factor was the substantial year-end inventory of processed clams held by the industry--a result of the record 1970 production. Exvessel prices for offshore clams ranged from $2.40 per bushel in the spring to $3.00 per bushel in December: exvessel prices for inshore clams ranged from $1.80 to $2.00 per bushel.

Crabs. Landings of hard blue crabs were 2.1 million pounds worth $375,000--an increase of 56 percent in volume and 70 percent in value compared with 1970. Landings were the best since 1962. Most of the crabs were taken in Delaware Bay, although some came from the New Jersey Atlantic shore.

Flounders. The harvest of 13.4 million pounds worth $1.7 million increased 2.8 million pounds and $103,000 compared with 1970. Landings of yellowtail flounders (8.5 million pounds) were 64 percent of the total; fluke (2.9 million), 22 percent; and blackback (1.7 million pounds), 13 percent. Dab, gray sole, and lemon sole flounders supplied the remaining 1 percent. New York fishermen took 10.1 million pounds of flounders; New Jersey fishermen, 3.3 million. A negligible quantity was taken in Delaware. The New Jersey otter trawl fleet fished for yellowtails from Atlantic City to Cape May in the winter and early spring. The fish were small, but fishermen accepted them because whiting and other winter species were not plentiful. Landings of fluke flounder were rather light during most of the season although some vessels went as far as Long Island in search of them.

Lobsters. Landings of 3.1 million pounds were 10 percent less than the record harvest of 1970, but the value ($3.6 million) remained about the same as in the previous year. New Jersey landings of 1.3 million pounds declined 28 percent compared with 1970. About 61 percent of the New Jersey harvest was taken with otter trawls. The rest was taken with pots, as pot fishermen continued to convert their gear from the declining sea bass fishery to the lobster fishery. New York landings were a record 1.8 million pounds--9 percent more than in 1970. Otter trawls took about 42 percent of the production, and pots accounted for the rest. A small fishery with pots started in Delaware off Cape Henlopen, near the mouth of Delaware Bay. Nine boats operated there during the short season (from May to August) when fishing was permitted. The 30,000 pounds taken were the first lobster landings in Delaware since 1949.

Mackerel. Landings of 1.5 million pounds of Atlantic mackerel worth $79,000 declined 12 percent in volume and 14 percent in value compared with 1970. New Jersey accounted for about two-thirds of the landings. About 97 percent of the New Jersey harvest was taken with otter trawls--replacing the gill nets and purse seines formerly used in the mackerel fishery. The use of modified nets, electronic fish-finding equipment, and higher horsepower have all made the otter trawls more efficient than in former years. Landings in New York were made principally with pound nets, which accounted for 75 percent of the 502,000-pound harvest.

Menhaden. The harvest of 61.6 million pounds increased 30.1 million compared with 1970 and was the best since 1968. Production has trended downward since a record 953.6 million pounds were landed in 1956. By 1966, landings had declined to an all-time low of 22 million pounds. Since then, they have declined sharply in New York and no menhaden have been landed in Delaware. In 1971, New Jersey landings were 98 percent of the total harvest, and New York accounted for the rest.

Oysters. Landings yielded 2.0 million pounds of meats worth $2.6 million--an increase of 39 percent in volume and 47 percent in value compared with 1970. The harvest improved moderately in all States and was the best in the Middle Atlantic area since 1962. New Jersey led with landings of 871,000 pounds--29 percent more than in 1970. About 92 percent of the New Jersey landings were made in the fall and were sold principally to seafood processing plants. The average exvessel price in New Jersey was 81 cents per pound. New York landings of 779,000 pounds increased 50 percent compared with 1970. The average exvessel price in New York was $2.16 per pound. These oysters were supplied to the half-shell trade, which accounted for their greater value. Landings in Delaware of 315,000 pounds were 46 percent more than in 1970, and the best since 1958. The entire yield was taken from waters of the Delaware Bay where the oyster industry was centered. The industry appeared to be recovering from the effects of the MSX organism that had decimated the oyster fishery for more than a decade.

Scup. Landings of 3.4 million pounds worth $846,000 declined 22 percent in volume and 13 percent in value compared with 1970. The fish tended to be small, but they were somewhat scarce, so fishermen received a better price for them than in the previous year. In 1971, the average price was 25 cents per pound--compared with 22 cents per pound in 1970.

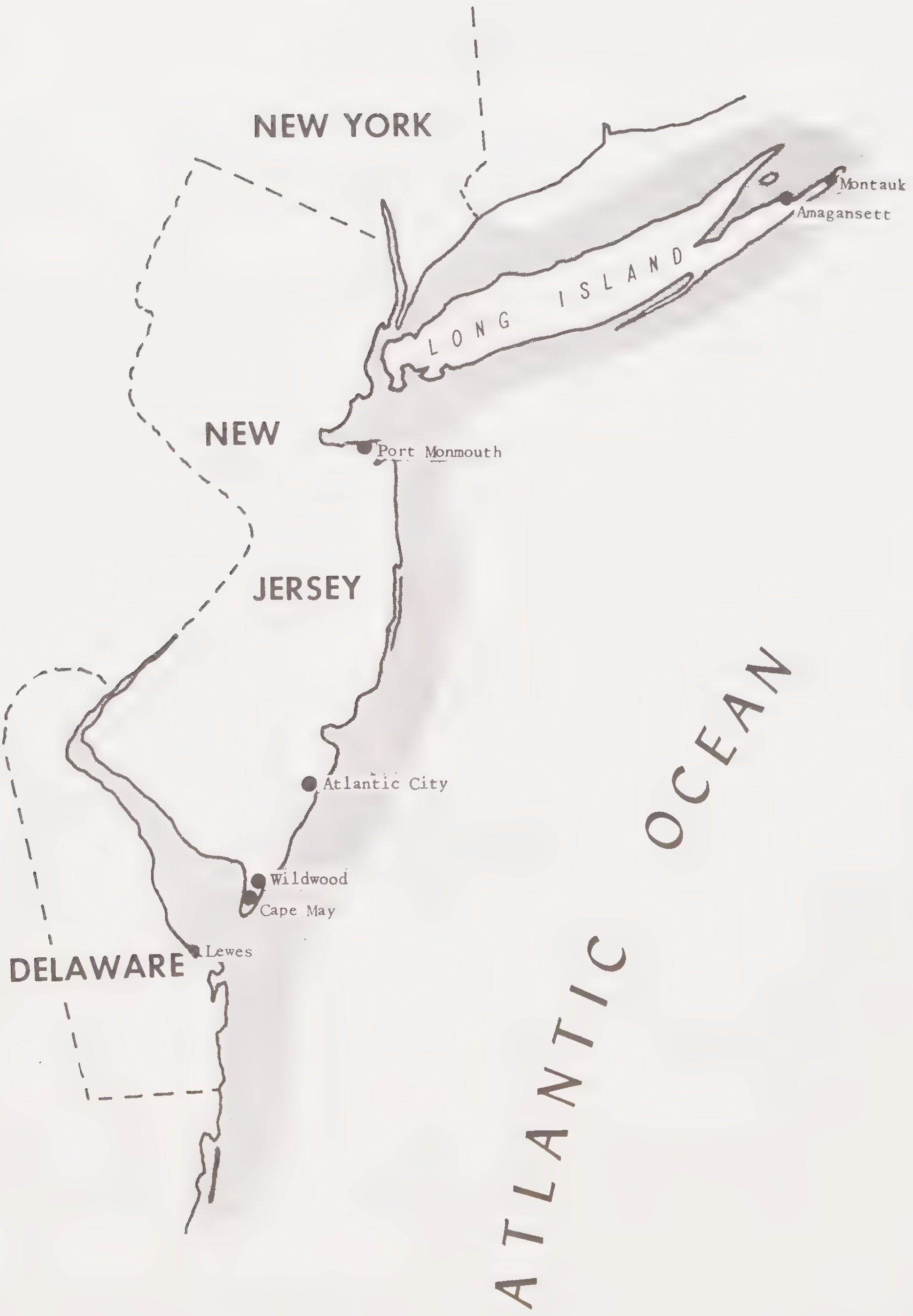
Sea trout. Landings of 4.6 million pounds worth $500,000 increased 2.2 million pounds and $260,000 compared with 1970. It was the best harvest since 1948. In recent years the fish have been small and therefore not readily accepted by the consumer. In 1971, however, the fish appeared in various sizes that made them more acceptable in the marketplace. As a result of the ready consumer acceptance, sea trout fishermen put forth a greater effort in the fishery.

Tuna. The harvest of 2.0 million pounds worth $407,000 declined 35 percent in quantity and 13 percent in value compared with 1970. The tuna was landed at Cape May, N.J., by three purse seine vessels, which made 10 trips from July 1 through July 15. All tuna were landed during this period. In 1971, the exvessel price averaged 20 cents per pound--compared with 15 cents per pound in 1970.

Other information. Condensed summary data on the operating units and landings, by States, appearing on the following pages have been published previously in Current Fishery Statistics No. 6228. Additional data may be found in the monthly and annual landings bulletins for New York and New Jersey published in the Current Fishery Statistics Series by the Statistics and Market News Division in cooperation with the respective States.

Acknowledgments. The following organizations helped collect the data appearing in this section: New York Department of Environmental Conservation, Division of Marine and Coastal Resources; New Jersey Department of Environmental Protection, Division of Fish, Game and Shellfisheries; and Delaware Department of Natural Resources and Environmental Control, Division of Fish and Game.

MIDDLE ATLANTIC FISHERIES


NEW YORK
Montauk
Amagansett
LONG ISLAND
NEW
JERSEY
Port Monmouth
Atlantic City
Wildwood
Cape May
Lewes
DELAWARE
ATLANTIC OCEAN

MIDDLE ATLANTIC STATES

MIDDLE ATLANTIC FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1971

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
NEW YORK.	20	3	16	16	36	19
NEW JERSEY.	81	4	35	8	116	12
DELAWARE.	(1)	(1)	9	2	10	2
TOTAL	101	7	60	26	162	32

1/ LESS THAN 500,000 POUNDS OR $500,000.

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1971

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS.	552	1,083	92	1,580
ON BOATS AND SHORE:				
REGULAR	1,706	692	101	2,499
CASUAL.	2,953	905	521	4,379
TOTAL	5,211	2,680	714	8,458
VESSELS, MOTOR.	177	259	17	424
GROSS TONNAGE	6,884	15,520	1,160	20,628
BOATS:				
MOTOR	3,511	1,343	268	5,122
OTHER	14	112	-	126
GEAR:				
HAUL SEINES, COMMON . . .	31	18	1	50
PURSE SEINES:				
MENHADEN.	-	6	-	6
TUNA.	-	3	-	3
OTTER TRAWLS:				
FISH.	93	116	-	200
LOBSTER	21	47	-	66
WEIRS	-	6	-	6
POUND NETS, FISH.	86	10	-	96
FYKE AND HOOP NETS:				
FISH.	12	27	16	55
TURTLE.	-	-	14	14
POTS AND TRAPS:				
CONCH	325	-	-	325
CRAB.	-	4,089	2,151	6,240
EEL	1,300	1,927	245	3,472
FISH.	-	7,590	1,000	8,590
LOBSTER	55,325	31,640	475	87,440
TURTLE.	-	125	26	151
GILL NETS:				
ANCHOR, SET, OR STAKE .	30	30	62	122
DRIFT:				
SHAD.	23	2	-	25
OTHER	-	63	12	75
RUNAROUND	19	41	-	60
LINES:				
HAND.	1,190	73	80	1,343
TROLL	-	24	-	24
LONG OR SET WITH HOOKS.	6	15	3	24
PUSH NETS	-	1	-	1
SPEARS.	33	5	-	38
DREDGES:				
CLAM.	34	91	8	124
CRAB.	-	5	-	5
OYSTER, COMMON.	18	40	15	71
SCALLOP:				
BAY	470	-	-	470
SEA	16	28	-	34
TONGS:				
OYSTER.	2	98	22	122
OTHER	1,110	780	164	2,054
RAKES	2,590	591	227	3,408
HOES.	-	16	-	16

LANDINGS BY STATES, 1971

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES.	-	-	10	(1)	-	-	10	(1)
ANGLERFISH.	27	2	2	(1)	-	-	29	2
BLUEFISH.	1,211	148	979	126	-	-	2,190	274
BONITO.	7	(1)	1	(1)	-	-	8	(1)
BUTTERFISH.	353	95	1,244	193	-	-	1,597	288
CARP.	(1)	(1)	15	1	8	2	23	3
CATFISH AND BULLHEADS . . .	1	(1)	1	(1)	1	(1)	3	(1)
COD	427	71	138	31	10	2	575	104
CROAKER	-	-	(1)	(1)	-	-	(1)	(1)
DRUM, BLACK	-	-	45	2	-	-	45	2
EELS:								
COMMON.	163	38	231	53	100	20	494	111
CONGER.	3	(1)	1	(1)	-	-	4	(1)
FLOUNDERS:								
BLACKBACK	1,660	125	79	8	5	1	1,744	134
DAB	-	-	1	(1)	-	-	1	(1)
FLUKE	1,090	360	1,850	673	-	-	2,940	1,033
GRAY SOLE	32	4	24	3	-	-	56	7
LEMON SOLE.	65	8	7	2	-	-	72	10
SAND.	-	-	(1)	(1)	-	-	(1)	(1)
YELLOWTAIL.	7,243	449	1,297	97	-	-	8,540	546
TOTAL FLOUNDERS . . .	10,090	946	3,258	783	5	1	13,353	1,730
GRUNTS.	-	-	1	(1)	-	-	1	(1)
HADDOCK	16	2	-	-	-	-	16	2
HAKE:								
RED	285	20	712	35	-	-	997	55
WHITE	9	1	43	5	-	-	52	6
HERRING, SEA.	16	1	85	2	-	-	101	3
KING WHITING OR "KINGFISH".	47	8	7	1	-	-	54	9
MACKEREL:								
ATLANTIC.	502	30	979	49	-	-	1,481	79
SPANISH	-	-	(1)	(1)	-	-	(1)	(1)
MENHADEN.	999	37	60,563	1,045	-	-	61,562	1,082
OCEAN PERCH	-	-	(1)	(1)	-	-	(1)	(1)
POLLOCK	5	(1)	1	(1)	-	-	6	(1)
SCUP OR PORGY	1,321	404	2,068	442	-	-	3,389	846
SEA BASS, BLACK	55	19	308	108	30	9	393	136
SEA ROBIN	142	6	14	(1)	-	-	156	6
SEA TROUT OR WEAKFISH, GRAY	1,279	205	3,099	254	213	41	4,591	500
SHAD.	73	16	141	22	8	5	222	43
SHARKS:								
GRAYFISH.	111	11	12	1	-	-	123	12
UNCLASSIFIED.	2	(1)	(1)	(1)	-	-	2	(1)
SILVERSIDES	232	36	-	-	-	-	232	36
SKATES.	33	1	-	-	-	-	33	1
SPOT.	-	-	3	(1)	-	-	3	(1)
STRIPED BASS.	1,184	329	290	86	39	9	1,513	424
STURGEON, COMMON.	8	1	12	2	-	-	20	3
SWELLFISH	121	12	(1)	(1)	-	-	121	12
SWORDFISH	4	2	(1)	(1)	-	-	4	2
TAUTOG.	49	2	15	1	-	-	64	3
TILEFISH.	55	4	33	5	-	-	88	9
TUNA:								
BLUEFIN	6	1	2,023	405	-	-	2,029	406
LITTLE.	8	1	2	(1)	-	-	10	1
SKIPJACK.	-	-	(1)	(1)	-	-	(1)	(1)
TOTAL TUNA.	14	2	2,025	405	-	-	2,039	407
WHITE PERCH	107	16	87	19	18	3	212	38
WHITING	1,058	95	3,948	375	-	-	5,006	470
UNCLASSIFIED:								
FOR FOOD.	168	17	7	1	-	-	175	18
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	150	3	-	-	150	3
TOTAL FISH.	20,177	2,577	80,528	4,050	432	92	101,137	6,719

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1971 - Continued

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
SHELLFISH ET AL.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CRABS:								
BLUE:								
HARD.	-	-	1,103	172	1,014	203	2,117	375
SOFT AND PEELER	-	-	13	4	9	5	22	9
ROCK.	-	-	51	3	-	-	51	3
TOTAL CRABS	-	-	1,167	179	1,023	208	2,190	387
HORSESHOE CRABS	-	-	4	(1)	-	-	4	(1)
LOBSTERS, AMERICAN.	1,790	2,054	1,323	1,460	30	41	3,143	3,555
SHRIMP.	-	-	1	(1)	-	-	1	(1)
CLAMS:								
HARD:								
PUBLIC.	6,307	8,074	2,475	1,679	113	75	8,895	9,828
PRIVATE	2,242	2,683	1	(1)	-	-	2,243	2,683
RAZOR	10	4	-	-	-	-	10	4
SOFT, PUBLIC.	154	56	48	28	-	-	202	84
SURF.	3,688	438	28,721	3,877	7,694	1,030	40,103	5,345
TOTAL CLAMS	12,401	11,255	31,245	5,584	7,807	1,105	51,453	17,944
CONCHS.	38	7	80	10	-	-	118	17
MUSSELS, SEA.	318	96	-	-	-	-	318	96
OYSTERS, MARKET:								
PUBLIC:								
SPRING.	13	13	11	13	-	-	24	26
FALL.	(1)	(1)	20	17	2	3	22	20
PRIVATE:								
SPRING.	348	753	62	68	30	18	440	839
FALL.	418	916	778	610	283	182	1,479	1,708
TOTAL OYSTERS	779	1,682	871	708	315	203	1,965	2,593
SCALLOPS:								
BAY	144	234	-	-	-	-	144	234
SEA	402	609	112	162	-	-	514	771
TOTAL SCALLOPS. . . .	546	843	112	162	-	-	658	1,005
SQUID	311	56	205	38	-	-	516	94
TERRAPIN.	-	-	1	(1)	-	-	1	(1)
TURTLES:								
LOGGERHEAD.	-	-	1	(1)	-	-	1	(1)
SNAPPER	-	-	47	8	11	2	58	10
UNCLASSIFIED.	-	-	1	(1)	-	-	1	(1)
TOTAL SHELLFISH ET AL.	16,183	15,993	35,058	8,149	9,186	1,559	60,427	25,701
GRAND TOTAL	36,360	18,570	115,586	12,199	9,618	1,651	161,564	32,420

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, MUSSELS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

LANDINGS OF CERTAIN SHELLFISH, 1971

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:								
HARD:								
PUBLIC	525,600	8,073,491	247,480	1,678,610	14,113	75,400	787,193	9,827,501
PRIVATE	186,909	2,683,448	50	350	-	-	186,959	2,683,798
RAZOR	637	3,743	-	-	-	-	637	3,743
SOFT, PUBLIC	9,606	55,725	4,033	27,722	-	-	13,639	83,447
SURF	216,941	437,977	1,642,435	3,876,494	452,611	1,030,000	2,311,987	5,344,471
CONCHS	2,567	7,451	4,025	9,996	-	-	6,592	17,447
MUSSELS, SEA	31,760	96,271	-	-	-	-	31,760	96,271
OYSTERS, MARKET:								
PUBLIC:								
SPRING	1,720	12,893	1,816	13,020	-	-	3,536	25,913
FALL	27	234	3,317	17,112	300	3,000	3,644	20,346
PRIVATE:								
SPRING	46,347	752,840	10,383	68,187	4,357	17,428	61,087	838,455
FALL	55,693	915,878	141,527	610,311	40,400	181,800	237,620	1,707,989
SCALLOPS:								
BAY	24,000	233,700	-	-	-	-	24,000	233,700
SEA	67,033	609,225	18,650	162,142	-	-	85,683	771,367

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN SHELLFISH, 1971

SPECIES	NEW YORK	NEW JERSEY	DELAWARE
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL		
CLAMS:			
HARD:			
PUBLIC	12.00	10.00	8.00
PRIVATE	12.00	10.00	-
RAZOR	16.00	-	-
SOFT, PUBLIC	16.00	12.00	-
SURF	17.00	17.00	17.00
CONCHS	15.00	20.00	-
MUSSELS, SEA	10.00	-	-
OYSTERS, MARKET:			
PUBLIC:			
SPRING	7.50	6.00	-
FALL	7.50	6.00	7.00
PRIVATE:			
SPRING	7.50	6.00	7.00
FALL	7.50	5.50	7.00
SCALLOPS:			
BAY	6.00	-	-
SEA	6.00	6.00	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1971

ITEM	UNIT	NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS	QUANTITY	DOLLARS
ALEWIVES, CANNED (PET FOOD)	STANDARD CASES	-	-	-	-	(1)	(1)
ANCHOVY PASTE, CANNED	DO	(1)	(1)	-	-	-	-
BUFFALOFISH, SMOKED	POUNDS	(1)	(1)	-	-	-	-
BUTTERFISH, SMOKED	DO	(1)	(1)	(1)	(1)	(1)	(1)
CARP, SMOKED	DO	68,000	66,250	-	-	-	-
CHUBS, SMOKED	DO	2,300,000	2,497,500	(1)	(1)	(1)	(1)
COD:							
FILLETS AND STEAKS, FRESH	DO	2,307,300	1,917,310	(2)	(2)	-	-
SPECIALTIES, CAKES:							
FROZEN, BREADED, RAW AND COOKED	DO	(1)	(1)	-	-	4[illegible],[illegible]	2[illegible],[illegible]
CANNED	STANDARD CASES	-	-	(1)	(1)	-	-
SALTED	POUNDS	(1)	(1)	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	-	-	-	-
EELS, SMOKED	DO	50,500	48,500	(1)	(1)	-	-
FLOUNDERS, FRESH AND FROZEN:							
FILLETS:							
RAW	DO	2,900,700	2,918,405	177,[illegible]	166,210	-	-
BREADED, COOKED	DO	(1)	(1)	-	-	-	-
SPECIALTIES (BREADED, STUFFED)	DO	-	-	(1)	(1)	-	-
HADDOCK:							
FILLETS:							
FRESH	DO	(1)	(1)	-	-	-	-
BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)	-	-	(1)	(1)
SPECIALTIES, STUFFED, BREADED COOKED, FROZEN	DO	(1)	(1)	-	-	-	-
SMOKED	DO	(1)	(1)	-	-	-	-
HAKE FILLETS, FRESH	DO	35,000	22,425	-	-	-	-
HALIBUT FROZEN:							
STEAKS, BREADED RAW	DO	(1)	(1)	-	-	-	-
SPECIALTIES (AU GRATINS COOKED)	DO	(1)	(1)	-	-	-	-
HERRING SEA:							
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES)	DO	(1)	(1)	-	-	-	-
SALTED	DO	320,783	125,746	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	-	-	(1)	(1)
LUMPFISH CAVIAR, CANNED	STANDARD CASES	(1)	(1)	-	-	-	-
MACKEREL, ATLANTIC:							
SALTED	POUNDS	-	-	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	-	-	-	-
MENHADEN:							
MEAL AND SCRAP	TONS	-	-	(1)	(1)	-	-
OIL	1000 LBS	-	-	(1)	(1)	-	-
SOLUBLES	TONS	-	-	(1)	(1)	-	-
OCEAN PERCH, FILLETS:							
FRESH	POUNDS	-	-	(1)	(1)	-	-
BREADED COOKED, FROZEN	DO	(1)	(1)	-	-	-	-
SABLEFISH, SMOKED	DO	1,475,[illegible]	1,4[illegible],75[illegible]	(1)	(1)	(1)	(1)
SALMON:							
CAVIAR, CANNED	STANDARD CASES	3,858	608,853	-	-	-	-
SMOKED	POUNDS	7,460,000	17,625,975	(1)	(1)	(1)	(1)
SHAD, SMOKED	DO	(1)	(1)	-	-	-	-
SHARK, LEATHERS	-	-	-	-	(1)	-	-
SMELT, BREADED COOKED, FROZEN	POUNDS	(1)	(1)	-	-	-	-
SNAPPER, RED, FILLETS FRESH	DO	-	-	(1)	(1)	-	-
STRIPED BASS, FILLETS, FROZEN	DO	(1)	(1)	-	-	-	-
STURGEON:							
CAVIAR, CANNED	STANDARD CASES	2,234	2,930,555	-	-	-	-
SMOKED	POUNDS	734,000	1,918,250	(1)	(1)	(1)	(1)
TUNA SPECIALTIES:							
FROZEN (CAKES, CASSEROLES AND PIES)	DO	(1)	(1)	-	-	(1)	(1)
CANNED (WITH NOODLES)	STANDARD CASES	-	-	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS	QUANTITY	DOLLARS
WHITEFISH:							
CANNED:							
FISH.	STANDARD CASES	-	-	(1)	(1)	-	-
CAVIAR.	DO	3,525	269,437	-	-	-	-
SMOKED.	POUNDS	1,414,000	1,899,500	(1)	(1)	(1)	(1)
WHITING, SMOKED	DO	400,000	194,000	24,000	16,150	-	-
CRABS SPECIALTIES:							
BLUE:							
FROZEN (CAKES, PATTIES, DEVILED, ETC.)	DO	(1)	(1)	(1)	(1)	3,790,721	3,461,466
CANNED (BISQUE AND NEWBURGS)	STANDARD CASES	-	-	(1)	(1)	-	-
KING (COCKTAILS REFRIGERATED, FRESH)	POUNDS	(1)	(1)	-	-	-	-
LOBSTERS, AMERICAN (NORTHERN):							
FRESH, COOKED MEAT.	DO	-	-	(1)	(1)	-	-
CANNED SPECIALTIES (BISQUES, CHOWDERS, SAUCES ETC). . .	STANDARD CASES	-	-	(1)	(1)	(1)	(1)
SHRIMP:							
FROZEN:							
COOKED MEAT, PEELED AND DEVEINED	POUNDS	(1)	(1)	-	-	-	-
BREADED RAW AND COOKED. . .	DO	(1)	(1)	-	-	205,097	303,975
SPECIALTIES:							
FRESH, COCKTAILS REFRIGERATED.	DO	(1)	(1)	-	-	(1)	(1)
FROZEN (CAKES, CREOLES, DINNERS, STUFFED, ETC.). .	DO	(1)	(1)	(1)	(1)	(1)	(1)
CANNED (BISQUES, CREOLES, NEWBURGS).	STANDARD CASES	-	-	(1)	(1)	-	-
CLAMS, HARD AND SURF:							
FRESH AND FROZEN:							
SHUCKED	GALLONS	1,145,447	4,261,913	2,648,065	8,395,357	38,145	163,701
SPECIALTIES:							
BREADED, RAW AND COOKED	POUNDS	-	-	(1)	(1)	(1)	(1)
OTHER (COCKTAILS, REFRIGERATED, JUICE, CROQUETTES, CAKES, ETC.)	DO	114,851	118,629	(1)	(1)	(1)	(1)
CANNED:							
MINCED.	STANDARD CASES	(1)	(1)	394,155	6,595,508	(1)	(1)
CHOWDER AND JUICE	DO	-	-	585,842	5,138,833	(1)	(1)
SPECIALTIES, (DIPS, SOUPS, AND SAUCES).	DO	-	-	43,053	1,223,131	(1)	(1)
CONCH MEATS:							
FRESH AND FROZEN:							
NATURAL	POUNDS	(1)	(1)	80,050	44,321	-	-
IN TOMATO SAUCE	DO	(1)	(1)	-	-	-	-
CANNED.	STANDARD CASES	(1)	(1)	(1)	(1)	-	-
MUSSELS, SEA:							
SPECIALTIES, FROZEN (IN HOT SAUCE)	POUNDS	-	-	(1)	(1)	-	-
CANNED (WHOLE).	STANDARD CASES	(1)	(1)	-	-	-	-
BUTTONS	GROSS	-	-	(1)	(1)	-	-
OYSTERS:							
FRESH AND FROZEN, SHUCKED .	GALLONS	-	-	106,067	963,603	63,050	712,725
SPECIALTIES:							
FROZEN:							
BREADED, RAW AND COOKED	POUNDS	-	-	143,208	195,880	(1)	(1)
OTHER (PIES, ETC.). . .	DO	(1)	(1)	-	-	(1)	(1)
CANNED (BISQUES AND SOUPS)	STANDARD CASES	-	-	(1)	(1)	-	-
SHELL GRIT.	TONS	-	-	-	-	(1)	(1)
SCALLOPS, FRESH AND FROZEN:							
BAY, SHUCKED.	GALLONS	18,000	288,000	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS	QUANTITY	DOLLARS
SCALLOPS, FRESH AND FROZEN-CONTINUED:							
SEA, BREADED, RAW AND COOKED, AND DINNERS.	POUNDS	(1)	(1)	(1)	(1)	(1)	(1)
SQUID:							
FROZEN (IN TOMATO SAUCE). . .	DO	(1)	(1)	-	-	-	-
CANNED (NATURAL).	STANDARD CASES	(1)	(1)	(1)	(1)	-	-
TURTLES, CANNED (MEATS, CHOWDERS, AND SOUP).	DO	-	-	(1)	(1)	-	-
UNCLASSIFIED:							
FRESH AND FROZEN, PACKAGED:							
STICKS, BREADED:							
RAW	POUNDS	(1)	(1)	-	-	614,885	311,166
COOKED.	DO	(1)	(1)	(1)	(1)	8,724,901	5,051,611
PORTIONS:							
RAW:							
NOT BREADED	DO	-	-	(1)	(1)	1,591,355	863,776
BREADED	DO	-	-	-	-	10,608,149	5,297,502
BREADED AND COOKED. . . .	DO	(1)	(1)	(1)	(1)	31,814,776	17,043,206
FISH AND SHELLFISH.	DO	17,755,733	13,915,272	24,008,831	18,899,557	8,833,691	9,332,599
CANNED:							
GEFILTEFISH	STANDARD CASES	280,940	5,969,074	(2)	(2)	-	-
OTHER	DO	158,980	2,089,823	200,087	3,489,185	873,666	8,183,832
CURED	POUNDS	1,313,050	958,940	322,100	422,140	(1)	(1)
INDUSTRIAL.	-	-	-	-	2,027,000	-	(1)
TOTAL	-	-	56,908,585	-	52,805,397	-	51,021,559

1/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

2/ THE PRODUCTION OF COD FILLETS AND GEFILTEFISH PRODUCED IN NEW JERSEY HAS BEEN INCLUDED WITH NEW YORK.

NOTE:--THIS TABLE MAY NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE LANDINGS WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STATE OF PROCESSING.

MIDDLE ATLANTIC FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1971

ITEM	THOUSAND DOLLARS
PACKAGED:	
FRESH	25,245
FROZEN	65,501
CANNED	36,498
CURED	31,461
INDUSTRIAL	2,031
TOTAL	160,736

VALUE OF PROCESSED PRODUCTS, BY STATES, 1971

STATE	THOUSAND DOLLARS
NEW YORK	56,909
NEW JERSEY	52,805
PENNSYLVANIA	46,356
DELAWARE	4,666
TOTAL	160,736

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971

STATE	PROCESSING			WHOLESALE			TOTAL		
	PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR		SEASON	YEAR		SEASON	YEAR
	NUMBER								
NEW YORK	49	1,276	1,162	170	1,175	1,170	219	2,451	2,332
NEW JERSEY	46	2,014	1,613	62	308	274	108	2,322	1,887
PENNSYLVANIA	18	1,098	964	22	203	203	40	1,301	1,167
DELAWARE	5	326	237	11	34	32	16	360	269
TOTAL	118	4,714	3,976	265	1,720	1,679	383	6,434	5,655

NOTE:-- EMPLOYMENT IS REPORTED BY EACH PLANT FOR EACH MONTH FOR THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF THE MONTH. EMPLOYMENT FOR THE SEASON IS BASED ON THE GREATEST NUMBER OF EMPLOYEES WORKING SURING THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF EACH MONTH. EMPLOYMENT FOR THE YEAR IS OBTAINED BY ADDING THE NUMBER OF EMPLOYEES RECORDED AS WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH, FOR THE YEAR, AND DIVIDING BY 12.

NEW YORK

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POUND NETS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS		
		FISH	LOBSTER			CONCH	EEL	LOBSTER
	NUMBER							
FISHERMEN:								
ON VESSELS	2	218	79	13	-	2	-	104
ON BOATS AND SHORE:								
REGULAR	78	10	-	20	-	2	19	155
CASUAL	16	-	-	7	5	-	31	215
TOTAL	96	228	79	40	5	4	50	474
VESSELS, MOTOR	1	88	21	4	-	1	-	35
GROSS TONNAGE	12	3,268	1,776	50	-	32	-	850
BOATS:								
MOTOR	30	5	-	23	3	1	48	309
OTHER	-	-	-	2	-	-	12	-
GEAR	31	93	21	86	12	325	1,300	55,325

ITEM	GILL NETS			LINES		SPEARS	DREDGES
	ANCHOR, SET, OR STAKE	DRIFT, SHAD	RUNAROUND	HAND	LONG OR SET WITH HOOKS		CLAM
	NUMBER						
FISHERMEN:							
ON VESSELS	-	-	-	-	2	-	74
ON BOATS AND SHORE:							
REGULAR	8	-	4	150	2	4	4
CASUAL	12	24	19	990	-	29	-
TOTAL	20	24	23	1,140	4	33	78
VESSELS, MOTOR	-	-	-	-	1	-	32
GROSS TONNAGE	-	-	-	-	14	-	1,056
BOATS, MOTOR	20	23	19	585	2	33	2
GEAR	30	23	19	1,190	6	33	34

ITEM	DREDGES - CONTINUED			TONGS		RAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON	SCALLOP		OYSTER	OTHER		
		BAY	SEA				
	NUMBER						
FISHERMEN:							
ON VESSELS	48	-	81	-	-	-	[illegible]
ON BOATS AND SHORE:							
REGULAR	-	185	-	[illegible]	480	1,105	1,706
CASUAL	-	145	-	-	630	1,485	[illegible]
TOTAL	48	330	81	[illegible]	1,110	[illegible]	[illegible]
VESSELS, MOTOR	10	-	8	-	-	-	177
GROSS TONNAGE	395	-	1,009	-	-	-	[illegible]
BOATS:							
MOTOR	-	180	-	[illegible]	[illegible]	[illegible]	[illegible]
OTHER	-	-	-	-	-	-	14
GEAR	18	470	16	[illegible]	[illegible]	[illegible]	-

NEW YORK - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		LOBSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	-	-	26,600	1,596	-	-
BLUEFISH	619,200	71,632	87,200	16,780	-	-
BONITO	800	48	-	-	-	-
BUTTERFISH	-	-	270,800	73,338	-	-
CARP	200	20	-	-	-	-
COD	-	-	269,100	44,319	-	-
EEL, CONGER	-	-	2,700	324	-	-
FLOUNDERS:						
BLACKBACK	-	-	1,618,100	120,786	-	-
FLUKE	-	-	1,069,300	353,188	-	-
GRAY SOLE	-	-	32,000	3,844	-	-
LEMON SOLE	-	-	64,800	8,071	-	-
YELLOWTAIL	-	-	7,217,800	447,128	-	-
HADDOCK	-	-	16,100	2,235	-	-
HAKE:						
RED	-	-	285,000	19,955	-	-
WHITE	-	-	9,100	920	-	-
HERRING, SEA	-	-	10,400	768	-	-
KING WHITING OR "KINGFISH"	12,400	1,924	17,300	2,887	-	-
MACKEREL, ATLANTIC	42,800	2,522	59,400	4,033	-	-
POLLOCK	-	-	5,400	486	-	-
SCUP OR PORGY	121,600	37,057	1,069,400	327,578	-	-
SEA BASS, BLACK	-	-	22,800	7,976	-	-
SEA ROBIN	-	-	111,600	4,749	-	-
SEA TROUT OR WEAKFISH, GRAY	412,100	65,985	339,800	54,290	-	-
SHAD	1,000	120	200	25	-	-
SHARKS:						
GRAYFISH	2,400	232	84,200	8,013	-	-
UNCLASSIFIED	-	-	1,900	190	-	-
SILVERSIDES	225,300	34,941	-	-	-	-
SKATES	-	-	31,700	1,214	-	-
STRIPED BASS	688,200	192,492	105,100	29,444	-	-
STURGEON, COMMON	-	-	6,900	833	-	-
SWELLFISH	-	-	85,700	8,452	-	-
TAUTOG	-	-	31,500	1,551	-	-
TILEFISH	-	-	54,800	4,320	-	-
WHITE PERCH	101,500	15,237	-	-	-	-
WHITING	-	-	1,057,400	95,162	-	-
UNCLASSIFIED, FOR FOOD	300	30	149,700	14,965	-	-
LOBSTERS, AMERICAN	-	-	23,100	25,330	727,700	801,950
SQUID	-	-	245,500	44,268	-	-
TOTAL	2,227,800	422,240	14,482,400	1,729,018	727,700	801,950

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
					CONCH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	238,100	28,537	-	-	-	-
BONITO	6,100	364	-	-	-	-
BUTTERFISH	82,600	22,059	-	-	-	-
CARP	-	-	100	12	-	-
CATFISH	-	-	700	136	-	-
COD	1,100	178	-	-	-	-
EEL, COMMON	57,300	13,237	-	-	-	-
FLOUNDERS:						
BLACKBACK	22,000	1,644	-	-	-	-
FLUKE	20,200	6,353	-	-	-	-
HERRING, SEA	5,300	378	-	-	-	-
KING WHITING OR "KINGFISH"	14,200	2,213	-	-	-	-
MACKEREL, ATLANTIC	375,300	22,119	-	-	-	-
MENHADEN	999,300	36,871	-	-	-	-
SCUP OR PORGY	124,900	38,043	-	-	-	-
SEA BASS, BLACK	1,500	521	-	-	-	-
SEA ROBIN	30,400	933	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	232,100	37,156	-	-	-	-
SHAD	1,800	220	-	-	-	-
SHARKS, GRAYFISH	24,700	2,437	-	-	-	-
SILVERSIDES	6,500	1,015	-	-	-	-
SKATES	1,300	50	-	-	-	-
STRIPED BASS	101,200	28,300	-	-	-	-
SWELLFISH	35,200	3,227	-	-	-	-
TAUTOG	17,300	854	-	-	-	-

(CONTINUED ON NEXT PAGE)

NEW YORK - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS CONCH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
TUNA:						
BLUEFIN	400	54	-	-	-	-
LITTLE	8,000	640	-	-	-	-
WHITE PERCH	5,000	743	-	-	-	-
WHITING	1,000	91	-	-	-	-
UNCLASSIFIED, FOR FOOD	9,000	892	-	-	-	-
CONCHS	-	-	-	-	23,400	4,608
SQUID	65,000	11,612	-	-	-	-
TOTAL	2,486,800	260,741	800	148	23,400	4,608

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	EEL		LOBSTER		ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	-	-	59,600	6,900
EEL, COMMON	70,700	16,485	-	-	-	-
KING WHITING OR "KINGFISH"	-	-	-	-	1,400	221
SEA BASS, BLACK	-	-	28,900	10,124	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	99,800	15,972
SHAD	-	-	-	-	29,400	6,326
STRIPED BASS	-	-	-	-	73,100	17,981
STURGEON, COMMON	-	-	-	-	1,400	320
WHITE PERCH	-	-	-	-	200	50
UNCLASSIFIED, FOR FOOD	-	-	7,500	750	-	-
LOBSTERS, AMERICAN	-	-	1,039,700	1,226,504	-	-
TOTAL	70,700	16,485	1,076,100	1,237,378	264,900	47,770

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT, SHAD		RUNAROUND		HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	48,600	5,977	158,100	18,650
COD	-	-	-	-	84,400	14,207
FLOUNDERS, FLUKE	-	-	-	-	200	56
KING WHITING OR "KINGFISH"	-	-	-	-	1,900	292
MACKEREL, ATLANTIC	-	-	-	-	24,500	1,452
SCUP OR PORGY	-	-	-	-	5,200	1,588
SEA BASS, BLACK	-	-	-	-	1,600	571
SEA TROUT OR WEAKFISH, GRAY	-	-	66,700	10,679	129,100	20,643
SHAD	40,700	9,035	-	-	-	-
STRIPED BASS	-	-	39,200	10,954	176,800	49,876
TUNA, BLUEFIN	-	-	-	-	5,400	759
UNCLASSIFIED, FOR FOOD	-	-	2,000	200	-	-
TOTAL	40,700	9,035	156,500	27,810	587,200	108,094

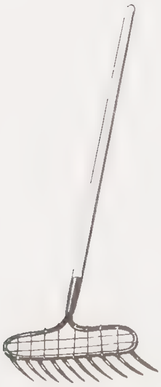
SPECIES	LINES - CONTINUED		SPEARS		DREDGES	
	LONG OR SET WITH HOOKS				CLAM	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	72,000	12,110	-	-	-	-
EEL, COMMON	-	-	34,800	7,794	-	-
FLOUNDERS, FLUKE	-	-	600	178	-	-
SWORDFISH	4,000	2,000	-	-	-	-
CLAMS:						
HARD, PRIVATE	-	-	-	-	2,241,900	2,683,448
SURF	-	-	-	-	3,688,000	437,977
TOTAL	76,000	14,110	35,400	7,972	5,929,900	3,121,425

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
BLACKBACK	-	-	-	-	20,400	2,108
YELLOWTAIL	-	-	-	-	24,800	1,912
CONCHS	1,800	399	-	-	-	-
MUSSELS, SEA	298,100	90,353	-	-	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	347,600	752,840	-	-	-	-
FALL	417,700	915,878	-	-	-	-
SCALLOPS:						
BAY	-	-	144,000	233,700	-	-
SEA	-	-	-	-	402,200	609,225
TOTAL	1,065,200	1,759,470	144,000	233,700	447,400	613,245

(CONTINUED ON NEXT PAGE)

NEW YORK - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	TONGS				RAKES	
	OYSTER		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:						
HARD, PUBLIC.	-	-	2,241,900	2,866,568	4,065,300	5,206,923
RAZOR	-	-	-	-	10,200	3,743
SOFT, PUBLIC.	-	-	-	-	153,700	55,725
CONCHS.	-	-	-	-	13,300	2,444
MUSSELS, SEA.	-	-	-	-	19,500	5,918
OYSTERS, MARKET, PUBLIC:						
SPRING.	12,900	12,893	-	-	-	-
FALL.	200	234	-	-	-	-
TOTAL	13,100	13,127	2,241,900	2,866,568	4,262,000	5,274,753



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MIDDLE ATLANTIC FISHERIES

NEW JERSEY

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS		WEIRS	POUND NETS, FISH	FYKE AND HOOP NETS, FISH
		MENHADEN	TUNA	FISH	LOBSTER			
	NUMBER							
FISHERMEN:								
ON VESSELS	-	59	32	396	179	-	8	1
ON BOATS AND SHORE, REGULAR	40	-	-	9	-	10	10	10
TOTAL	40	59	32	405	179	10	18	11
VESSELS, MOTOR	-	6	3	111	47	-	3	1
GROSS TONNAGE	-	803	412	6,219	2,997	-	27	8
BOATS:								
MOTOR	18	6	3	5	-	5	3	10
OTHER	-	-	-	-	-	4	-	-
GEAR	18	6	3	116	47	6	10	27

ITEM	POTS AND TRAPS					GILL NETS		
	CRAB	EEL	FISH	LOBSTER	TURTLE	ANCHOR, SET, OR STAKE	DRIFT	
							SHAD	OTHER
	NUMBER							
FISHERMEN:								
ON VESSELS	2	-	8	62	-	2	-	24
ON BOATS AND SHORE:								
REGULAR	48	31	12	56	7	45	3	56
CASUAL	15	9	-	5	3	14	-	16
TOTAL	65	40	20	123	10	61	3	96
VESSELS, MOTOR	1	-	4	30	-	1	-	12
GROSS TONNAGE	5	-	41	461	-	[illegible]	-	103
BOATS:								
MOTOR	63	40	6	56	7	9	2	51
OTHER	-	-	-	-	3	-	-	-
GEAR	4,089	1,927	7,590	31,640	125	30	3	63

ITEM	GILL NETS-CONTINUED	LINES			PUSH NETS	SPEARS	DREDGES	
	RUNAROUND	HAND	TROLL	LONG OR SET WITH HOOKS			CLAM	CRAB
	NUMBER							
FISHERMEN:								
ON VESSELS	20	4	6	16	-	-	273	2
ON BOATS AND SHORE:								
REGULAR	54	14	2	10	1	1	8	2
CASUAL	8	26	6	2	-	4	-	2
TOTAL	82	44	14	28	1	5	281	6
VESSELS, MOTOR	10	2	3	8	-	-	79	1
GROSS TONNAGE	96	25	37	111	-	-	5,915	12
BOATS, MOTOR	31	22	4	6	1	5	4	2
GEAR	41	73	24	15	1	5	91	5

ITEM	DREDGES - CONTINUED		TONGS		RAKES	HOES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON	SCALLOP, SEA	OYSTER	OTHER				
	NUMBER							
FISHERMEN:								
ON VESSELS	116	158	-	-	-	-	-	1,083
ON BOATS AND SHORE:								
REGULAR	15	-	63	365	256	6	308	692
CASUAL	-	-	35	415	335	10	770	905
TOTAL	131	158	98	780	591	16	1,078	2,680
VESSELS, MOTOR	15	15	-	-	-	-	-	259
GROSS TONNAGE	467	1,681	-	-	-	-	-	15,520
BOATS:								
MOTOR	9	-	74	670	553	16	948	1,343
OTHER	-	-	-	80	25	-	99	112
GEAR	40	28	98	780	591	16	-	-

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			MENHADEN		TUNA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	7,400	296	-	-	-	-
CARP	15,400	1,161	-	-	-	-
CATFISH	1,400	168	-	-	-	-
FLOUNDER, BLACKBACK	1,000	100	-	-	-	-
MENHADEN	-	-	58,484,400	976,334	-	-
SEA TROUT OR WEAKFISH, GRAY	200	42	-	-	-	-
SHAD	5,100	552	-	-	-	-
STRIPED BASS	3,700	1,221	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	2,021,700	404,341
WHITE PERCH	31,700	6,951	-	-	-	-
TOTAL	65,900	10,491	58,484,400	976,334	2,021,700	404,341

SPECIES	OTTER TRAWLS				WEIRS	
	FISH		LOBSTER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	1,500	54	-	-	-	-
BLUEFISH	148,800	11,705	100	8	-	-
BUTTERFISH	1,116,600	164,466	75,300	19,780	-	-
COD	27,800	5,417	6,200	725	-	-
CROAKER	100	14	-	-	-	-
DRUM, BLACK	40,100	1,880	-	-	-	-
EEL, COMMON	-	-	-	-	39,600	16,179
FLOUNDERS:						
BLACKBACK	43,600	3,240	18,400	3,266	-	-
DAB	1,000	47	-	-	-	-
FLUKE	1,775,200	643,940	69,000	26,523	300	90
GRAY SOLE	16,800	1,614	7,300	844	-	-
LEMON SOLE	400	120	6,900	2,172	-	-
SAND	200	9	-	-	-	-
YELLOWTAIL	1,282,800	95,733	13,100	1,320	-	-
GRUNTS	-	-	400	190	-	-
HAKE:						
RED	653,600	32,999	900	27	-	-
WHITE	14,500	1,627	28,600	2,917	-	-
HERRING, SEA	75,300	1,917	-	-	-	-
KING WHITING OR "KINGFISH"	6,600	705	-	-	-	-
MACKEREL:						
ATLANTIC	947,000	44,555	1,700	120	-	-
SPANISH	100	12	-	-	-	-
MENHADEN	16,000	635	-	-	-	-
OCEAN PERCH	-	-	100	15	-	-
POLLOCK	500	35	100	7	-	-
SCUP OR PORGY	2,021,800	433,904	40,900	7,183	-	-
SEA BASS, BLACK	40,500	12,446	1,400	394	-	-
SEA ROBIN	13,500	270	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	2,708,400	202,319	100	10	-	-
SHAD	4,700	335	-	-	-	-
SHARKS:						
GRAYFISH	12,300	617	-	-	-	-
UNCLASSIFIED	100	5	-	-	-	-
SPOT	3,100	215	-	-	-	-
STRIPED BASS	195,800	55,377	-	-	1,200	366
STURGEON, COMMON	10,600	1,591	400	70	-	-
SWELLFISH	100	5	-	-	-	-
SWORDFISH	-	-	200	75	-	-
TAUTOG	1,600	63	400	12	-	-
TILEFISH	2,800	648	28,200	4,312	-	-
WHITE PERCH	500	83	-	-	6,600	1,551
WHITING	3,934,300	373,369	11,400	1,132	-	-
UNCLASSIFIED:						
FOR FOOD	2,800	389	2,700	621	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	150,000	3,215	-	-	-	-
CRABS, ROCK	1,000	58	38,500	1,965	-	-
HORSESHOE CRABS	-	-	-	-	4,500	45
LOBSTERS, AMERICAN	35,400	34,999	769,600	791,196	-	-
CONCHS	5,600	601	-	-	-	-
SQUID	200,400	36,681	4,900	833	-	-
TURTLES, LOGGERHEAD	100	10	-	-	-	-
TOTAL	15,513,900	2,167,924	1,126,800	865,717	52,200	18,231

(CONTINUED ON NEXT PAGE)

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
					CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	-	-	2,100	84	-	-
BLUEFISH.	17,600	3,060	-	-	-	-
BUTTERFISH.	50,600	8,867	-	-	-	-
DRUM, BLACK	100	6	-	-	-	-
EEL, COMMON	1,200	179	200	40	-	-
FLOUNDERS:						
BLACKBACK	-	-	15,600	1,574	-	-
FLUKE	3,900	1,730	-	-	-	-
HAKE, RED	5,100	229	-	-	-	-
HERRING, SEA.	8,900	323	-	-	-	-
KING WHITING OR "KINGFISH".	400	24	-	-	-	-
MENHADEN.	1,903,900	61,748	-	-	-	-
POLLOCK	100	9	-	-	-	-
SCUP OR PORGY	2,000	586	-	-	-	-
SEA BASS, BLACK	100	16	-	-	-	-
SEA ROBIN	600	16	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	27,000	5,250	-	-	-	-
SHAD.	15,600	1,524	600	72	-	-
STRIPED BASS.	4,200	1,626	-	-	-	-
STURGEON, COMMON.	1,200	232	-	-	-	-
TAUTOG.	900	39	-	-	-	-
TUNA:						
LITTLE.	600	36	-	-	-	-
SKIPJACK.	300	14	-	-	-	-
WHITE PERCH	300	41	18,600	4,302	-	-
WHITING	2,400	193	-	-	-	-
UNCLASSIFIED:						
FOR FOOD.	400	22	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	100	5	-	-	-	-
CRABS, BLUE:						
HARD.	400	67	-	-	1,053,400	163,054
SOFT AND PEELER	-	-	-	-	13,300	4,010
TURTLES, LOGGERHEAD	500	50	-	-	-	-
TOTAL	[illegible],048,400	[illegible]	[illegible],100	[illegible],07[illegible]	[illegible],066,7[illegible]	16[illegible],064

SPECIES	POTS AND TRAPS - CONTINUED					
	EEL		FISH		LOBSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS:						
COMMON.	188,200	36,687	-	-	-	-
CONGER.	-	-	1,000	108	-	-
FLOUNDER, BLACKBACK	-	-	-	-	100	10
GRUNTS.	-	-	1,100	78	-	-
HAKE, RED	-	-	27,500	628	25,100	1,074
SCUP OR PORGY	-	-	1,200	104	-	-
SEA BASS, BLACK	-	-	256,700	91,455	8,700	3,181
TAUTOG.	-	-	4,300	112	6,900	453
UNCLASSIFIED, FOR FOOD. . .	-	-	-	-	300	25
CRABS, ROCK	-	-	-	-	11,700	593
LOBSTERS, AMERICAN.	-	-	38,200	44,978	479,600	588,231
CONCHS.	-	-	100	12	-	-
TOTAL	188,200	36,687	330,100	137,475	532,400	593,567

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	TURTLE		ANCHOR, SET, OR STAKE		DRIFT	
					SHAD	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MENHADEN.	-	-	76,400	3,032	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	16,100	3,225	-	-
SHAD.	-	-	113,200	19,105	1,600	144
STRIPED BASS.	-	-	43,600	12,431	2,100	630
WHITE PERCH	-	-	6,100	1,211	13,900	2,919
UNCLASSIFIED, FOR FOOD. . .	-	-	100	12	-	-
TURTLES, SNAPPER.	37,700	6,705	-	-	-	-
TOTAL	37,700	6,705	255,500	39,016	17,600	3,693

(CONTINUED ON NEXT PAGE)

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT - CONTINUED		RUNAROUND		HAND	
	OTHER					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	369,300	54,866	437,400	55,097	2,400	257
BONITO	300	72	800	155	-	-
BUTTERFISH	700	137	400	75	-	-
COD	300	77	-	-	1,300	320
DRUM, BLACK	1,800	141	100	7	2,600	187
HERRING, SEA	100	3	200	8	-	-
KING WHITING OR "KINGFISH"	200	28	-	-	-	-
MACKEREL, ATLANTIC	24,200	3,032	-	-	5,600	714
MENHADEN	74,500	2,995	8,000	356	-	-
SCUP OR PORGY	1,200	240	1,000	248	-	-
SEA BASS, BLACK	-	-	-	-	200	80
SEA TROUT OR WEAKFISH, GRAY	112,100	18,369	234,200	25,013	300	57
STRIPED BASS	12,100	4,316	24,800	8,684	2,800	758
STURGEON, COMMON	-	-	100	16	-	-
TAUTOG	400	14	-	-	-	-
TILEFISH	-	-	-	-	1,700	340
TUNA:						
BLUEFIN	1,300	415	-	-	-	-
LITTLE	200	10	400	23	400	16
WHITE PERCH	4,800	912	3,500	598	1,000	202
UNCLASSIFIED, FOR FOOD	500	73	600	74	-	-
TOTAL	604,000	85,700	711,500	90,354	18,300	2,931

SPECIES	LINES - CONTINUED				PUSH NETS	
	TROLL		LONG OR SET WITH HOOKS			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	3,600	627	-	-	-	-
COD	-	-	102,300	24,153	-	-
SEA TROUT OR WEAKFISH, GRAY	600	119	-	-	-	-
SHRIMP	-	-	-	-	700	290
TOTAL	4,200	746	102,300	24,153	700	290

SPECIES	SPEARS		DREDGES			
			CLAM		CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EEL, COMMON	1,300	260	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	48,800	8,990
CLAMS:						
HARD, PUBLIC	-	-	44,900	26,970	-	-
SURF	-	-	28,721,400	3,876,494	-	-
CONCHS	-	-	73,900	9,270	-	-
TOTAL	1,300	260	28,840,200	3,912,734	48,800	8,990

SPECIES	DREDGES - CONTINUED				TONGS	
	OYSTER, COMMON		SCALLOP, SEA		OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
FLUKE	-	-	1,400	467	-	-
GRAY SOLE	-	-	300	30	-	-
YELLOWTAIL	-	-	1,200	62	-	-
LOBSTERS, AMERICAN	-	-	200	119	-	-
CLAMS, HARD, PRIVATE	500	350	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	10,900	13,020
FALL	-	-	-	-	19,900	17,112
PRIVATE:						
SPRING	61,700	67,287	-	-	600	900
FALL	774,200	603,891	-	-	4,200	6,420
SCALLOPS, SEA	-	-	111,900	162,142	-	-
TOTAL	836,400	671,528	115,000	162,820	35,600	37,452

(CONTINUED ON NEXT PAGE)

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	TONGS - CONTINUED		RAKES		HOES		BY HAND	
	OTHER							
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:								
HARD, PUBLIC	824,400	561,017	728,000	494,868	-	-	877,500	595,755
SOFT, PUBLIC	-	-	-	-	21,800	12,475	26,600	15,247
CONCHS	-	-	-	-	-	-	900	113
TERRAPIN	-	-	700	315	-	-	-	-
TURTLES:								
SNAPPER	-	-	9,600	1,728	-	-	-	-
UNCLASSIFIED	-	-	500	30	-	-	-	-
TOTAL	824,400	561,017	738,800	496,941	21,800	12,475	905,000	611,115

DELAWARE

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS		POTS AND TRAPS		
		FISH	TURTLE	CRAB	EEL	FISH
	NUMBER					
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	2	5	3	13	4	2
CASUAL	-	4	1	6	7	-
TOTAL	2	9	4	19	11	2
BOATS, MOTOR	1	7	3	19	8	1
GEAR	1	16	14	2,151	245	1,000

ITEM	POTS AND TRAPS - CONTINUED		GILL NETS		LINES	
	LOBSTER	TURTLE	ANCHOR, SET, OR STAKE	DRIFT	HAND	LONG OR SET WITH HOOKS
	NUMBER					
FISHERMEN:						
ON VESSELS	-	-	-	-	-	2
ON BOATS AND SHORE:						
REGULAR	7	-	15	6	-	2
CASUAL	14	4	75	18	80	-
TOTAL	21	4	90	24	80	4
VESSELS, MOTOR	-	-	-	-	-	1
GROSS TONNAGE	-	-	-	-	-	11
BOATS, MOTOR	9	2	56	12	35	1
GEAR	475	26	62	12	80	3

ITEM	DREDGES		TONGS		RAKES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	OYSTER, COMMON	OYSTER	OTHER			
	NUMBER						
FISHERMEN:							
ON VESSELS	31	59	-	-	-	-	92
ON BOATS AND SHORE:							
REGULAR	-	-	8	58	32	10	101
CASUAL	-	-	14	106	195	75	521
TOTAL	31	59	22	164	227	85	714
VESSELS, MOTOR	8	8	-	-	-	-	17
GROSS TONNAGE	855	294	-	-	-	-	1,160
BOATS, MOTOR	-	-	13	112	32	-	268
GEAR	8	15	22	164	227	-	-

DELAWARE - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS			
			FISH		TURTLE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS . . .	-	-	900	135	-	-
EEL, COMMON	1,000	120	-	-	-	-
FLOUNDER, BLACKBACK	-	-	5,200	624	-	-
TURTLES, SNAPPER.	-	-	-	-	6,500	1,430
TOTAL	1,000	120	6,100	759	6,500	1,430

SPECIES	POTS AND TRAPS					
	CRAB		EEL		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EEL, COMMON	-	-	98,700	19,659	-	-
SEA BASS, BLACK	-	-	-	-	30,000	9,300
CRABS, BLUE:						
HARD.	1,013,800	202,890	-	-	-	-
SOFT AND PEELER	9,200	5,292	-	-	-	-
TOTAL	1,023,000	208,182	98,700	19,659	30,000	9,300

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	LOBSTER		TURTLE		ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP.	-	-	-	-	8,500	1,870
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	34,400	6,956
SHAD.	-	-	-	-	6,800	4,946
STRIPED BASS.	-	-	-	-	25,300	6,008
WHITE PERCH	-	-	-	-	13,600	2,193
LOBSTERS, AMERICAN.	30,000	41,250	-	-	-	-
TURTLES, SNAPPER.	-	-	4,300	943	-	-
TOTAL	30,000	41,250	4,300	943	88,600	21,973

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT		HAND		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	-	-	10,000	1,800
SEA TROUT OR WEAKFISH, GRAY	153,500	29,165	25,000	5,000	-	-
SHAD.	-	-	800	69	-	-
STRIPED BASS.	9,500	2,090	4,000	880	-	-
WHITE PERCH	2,200	352	2,500	400	-	-
TOTAL	165,200	31,607	32,300	6,349	10,000	1,800

SPECIES	DREDGES				TONGS	
	CLAM		OYSTER, COMMON		OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, SURF	7,694,400	1,030,000	-	-	-	-
OYSTERS, MARKET:						
PUBLIC, FALL.	-	-	-	-	2,100	3,000
PRIVATE:						
SPRING.	-	-	30,500	17,428	-	-
FALL.	-	-	282,800	181,800	-	-
TOTAL	7,694,400	1,030,000	313,300	199,228	2,100	3,000

SPECIES	TONGS - CONTINUED		RAKES		BY HAND	
	OTHER					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	55,900	38,012	51,200	33,792	5,800	3,596
TOTAL	55,900	38,012	51,200	33,792	5,800	3,596

MIDDLE ATLANTIC FISHERIES

HUDSON RIVER SHAD FISHERY

The Hudson River run of shad yielded commercial landings of 45,343 fish weighing 170,798 pounds worth $33,498 to the fishermen--a decline of 26 percent in volume but an increase of 2 percent in value compared with 1970. Fishermen received an average price of 19.6 cents per pound--about 5.4 cents more than in 1970. Forty-five fishermen were in the Hudson River commercial shad fishery in 1971--a decline of 20 fishermen compared with the previous year.

Statistics on the 1971 operating units and landings of shad in the Hudson River by New York and New Jersey fishermen are included in the operating unit and landings data for those States.

SUMMARY OF HUDSON RIVER OPERATING UNITS AND LANDINGS, 1971

ITEM	NEW YORK			NEW JERSEY			TOTAL		
OPERATING UNITS	NUMBER								
FISHERMEN, ON BOATS AND SHORE:									
REGULAR	2			2			4		
CASUAL	37			4			41		
TOTAL	39			6			45		
BOATS, MOTOR	32			2			34		
GEAR, GILL NETS:									
ANCHOR, SET, OR STAKE	19			2			21		
DRIFT	23			-			23		
LANDINGS	NUMBER	POUNDS	DOLLARS	NUMBER	POUNDS	DOLLARS	NUMBER	POUNDS	DOLLARS
SHAD, GILL NETS:									
ANCHOR, SET, OR STAKE	8,739	29,418	6,326	25,357	100,760	18,137	34,096	130,178	24,463
DRIFT	11,247	40,620	9,035	-	-	-	11,247	40,620	9,035
TOTAL	19,986	70,038	15,361	25,357	100,760	18,137	45,343	170,798	33,498

NOTE:--DATA REPRESENT LANDINGS IN THE HUDSON RIVER BETWEEN WEEHAWKEN, N.J., AND HUDSON, N.Y.

SECTION 4 - CHESAPEAKE FISHERIES

The commercial landings of fish and shellfish in the Chesapeake States (Maryland and Virginia) were 566.9 million pounds worth a record $41.5 million--a decline of 63.6 million pounds, but an increase of $944,000 compared with 1970. Smaller landings of alewives, butterfish, fluke flounders, menhaden, scup, sea bass, shad, spot, striped bass, and sea scallops were the principal reason for the volume decline. However, the harvest of catfish, hard clams, hard blue crabs, and oysters improved substantially compared with 1970.

Virginia landings of 491.8 million pounds worth $21.8 million were 87 percent of the volume and 53 percent of the value in the Chesapeake area. Menhaden were 80 percent of the Virginia harvest; hard blue crabs were 10 percent. In Maryland, landings of hard blue crabs accounted for 35 percent of the total volume, followed by oysters, 23 percent; surf clams, 10 percent; and soft clams and menhaden, 8 percent each.

Fishermen and vessels. There were 18,822 fishermen operating 1,623 vessels of 5 net tons or more, 11,904 motor boats, and 352 other boats. Compared with 1970, this was a decline of 176 fishermen and 315 other boats, but an increase of 57 vessels and 266 motor boats.

Processed products. The value of processed seafood items in the Chesapeake States was $113.2 million--a gain of $12.8 million compared with 1970. Maryland's processed products were valued at $68.1 million--60 percent of the area total. In Virginia, processed items were worth $45.1 million. There were 7,896 persons employed in 455 wholesaling and processing plants in the two States.

Alewives. Landings of 13.1 million pounds were 8.0 million (38 percent) less than in 1970, and the fourth smallest on record. During the last 3 years alewife landings have been trending sharply downward. The continuing decline may have resulted from the increased fishing by foreign fleets working offshore from the mouth of Chesapeake Bay.

Clams. Hard clam landings yielded 2.2 million pounds of meats worth $1.6 million--an increase of 14 percent in volume and 34 percent in value compared with 1970. Virginia with landings of 1.8 million pounds (up 38 percent) worth $1.4 million (up 60 percent) accounted for the entire gain. Consumer preference for the littleneck and cherrystone-size clams was the principal reason for the increase. In Maryland, where the chowder-size dominated the landings, the harvest of 332,000 pounds was 42 percent less than in 1970.

Landings of soft clams yielded 6 million pounds of meats worth $3 million--a decline of 4 percent in quantity, but an increase of 23 percent in value compared with 1970. The soft clam production was confined to Maryland in 1971. Exvessel prices were $6 per bushel; and ranged from $8.50 to $9.25 per gallon. The declining production in clamming areas of the Potomac River and Talbot County led to increased fishing effort in other areas--principally Queen Anne and Anne Arundel Counties.

Surf clam landings yielded 12.3 million pounds of meats worth $1.5 million--a decline of 16 percent in volume and 5 percent in value compared with 1970. The entire decline was in Maryland where landings of 7.8 million pounds were 43 percent less than in 1970. The same number of vessels fished out of Ocean City, Md., but instead of fishing for the fairly abundant inshore clams as in 1970, they fished mainly for the less plentiful offshore clams--which brought higher prices. In Virginia, landings of 4.5 million pounds increased 407 percent compared with 1970. The production improved principally because more vessels were operating out of Virginia ports. The clams taken off the Virginia coast were mostly the smaller, inshore clams.

Crabs. Landings of hard blue crabs of 73.9 million pounds worth $6.2 million increased 6.5 million pounds and $1.7 million compared with 1970. Landings improved in both States. The Virginia production of 47.8 million pounds was 65 percent of the total harvest. Early in the year landings were smaller than usual. The 1969 year class, which generally would supply the catches during the first half of 1971, had been depleted by many mortalities during the winter of 1969-70. As a result, dredged crabs in Virginia sold for fairly high prices during the period from January through March--ranging from $9 to $14 per 100-pound barrel. The spring landings were also small, and prices ranged from $12 per bushel in April to a high of $22 per bushel in late May. Prices moderated in June. Later in the summer when the 1970 year class entered the fishery, prices ranged from $5 to $8 per bushel for number one sizes and from $3 to $4 per bushel for number two sizes. When the winter dredge crab season opened in December, Virginia officials again placed a 25-barrel-per-day limit on landings. The dredging was poor in December--possibly because of an unusually warm fall. The crabs were still active and had not yet burrowed in the bottom. Consequently, fishermen had to work longer to reach the catch limit. Picking crabs ranged from $11 per barrel in the spring to $5 per barrel in the late summer. Wholesale prices for picked crab meat averaged slightly higher than in other years; claw meat ranged from $1.25 to $1.60 per pound, regular from $1.50 to $1.75 per pound, and backfin from $2.30 to $3.25 per pound.

Landings of soft and peeler crabs were 2.2 million pounds worth $1.1 million--a decline of 11 percent in volume, but an increase of 4 percent in value compared with 1970. Maryland fishermen landed 1.5 million pounds--69 percent of the total. Early in the season, the exvessel price of peeler crabs averaged from 6 to 10 cents each, but later increased to 8 to 15 cents each depending on size and stage of development. Soft crabs averaged from 15 to 22 cents each throughout the season. Wholesale prices for soft crabs ranged from $2 to $3 per dozen for mediums, $3 to $4 per dozen for primes, and $4 to $5 per dozen for jumbos.

Menhaden. Landings of 400.1 million pounds declined 49.7 million compared with the record harvest of 1970. For the eighth consecutive year, Virginia led all States along the Atlantic coast in volume of menhaden landings. Virginia landings of 394.1 million pounds were 12 percent less than in 1970, the record year. The Virginia purse seine fleet caught 375.2 million pounds--94 percent of the entire Chesapeake States production. Most of the fish were used for reduction into meal and oil; only about 3 percent of Virginia landings were used for bait and for processing into canned animal food. Maryland landings (6.0 million pounds) were used entirely for bait and for canned animal food.

Oysters. Landings yielded 25.6 million pounds of meats worth $16.0 million--an increase of 4 percent in volume and 6 percent in value compared with 1970. The harvest was the second best in the last decade. For the sixth consecutive year Maryland, with landings of 17.1 million pounds, led all States in oyster production. Landings in both Maryland and Virginia improved moderately compared with 1970. Exvessel prices averaged $2.50 to $4.50 per bushel in the spring and $3.50 to $4.50 per bushel in the fall. Standards averaged $8.00 to $8.50 per shucked gallon in the spring and $8.50 in the fall. Selects averaged $9.50 per shucked gallon all year, and counts averaged $10.50 to $11.00.

In March, a ruling of the Maryland Court of Appeals in a suit brought by Eastern Shore watermen abolished a traditional fishery law of the State that required fishermen to fish only in the county where they lived. As a result of the ruling, any licensed fisherman can now work anywhere in the State. The immediate effect in 1971 was that oystermen from the lower eastern shore flocked to the bars off Anne Arundel County where oysters were abundant. It soon became necessary for State officials to set daily limits of 25 bushels per man or 50 bushels per boat for patent tong rigs. (The dredge season had already ended.) The public oyster season closed March 31, and officials did not permit an extension into April for certain counties as they had frequently done in the past. When the fall season opened, officials set limits of 25 bushels per day for hand tongs, 75 bushels per day for a patent tong boat with one set of tongs, and no more than 100 bushels per day for a patent tong boat with two sets of tongs. Sail dredge vessels were limited to 150 bushels per day. In December, Maryland opened previously closed oyster bars off Talbot County, and in 3 weeks fishermen had taken more than 200,000 bushels.

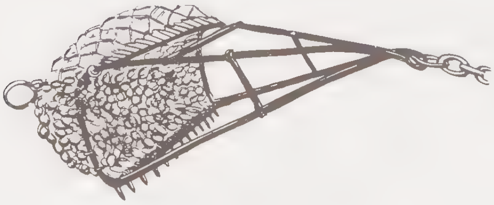
CHESAPEAKE FISHERIES

The Virginia seed oyster fishery produced 771,000 bushels--28 percent more than in 1970. The James River accounted for 51 percent; the Great Wicomico River, 27 percent; the Eastern Shore, 18 percent; and the Piankatank River, 4 percent.

Scallops. Sea scallop landings at Virginia ports of 546,000 pounds of meats worth $802,000 declined 27 percent in volume and 19 percent in value compared with 1970. Landings were the smallest since 1964 and were far below the record 2.8 million pounds taken in 1965. A decline in available stocks and also in fishing effort contributed to the smaller harvest. Ten vessels operated in 1971--compared with 13 in 1970. Exvessel prices averaged $1.47 per pound--14 cents more than in 1970.

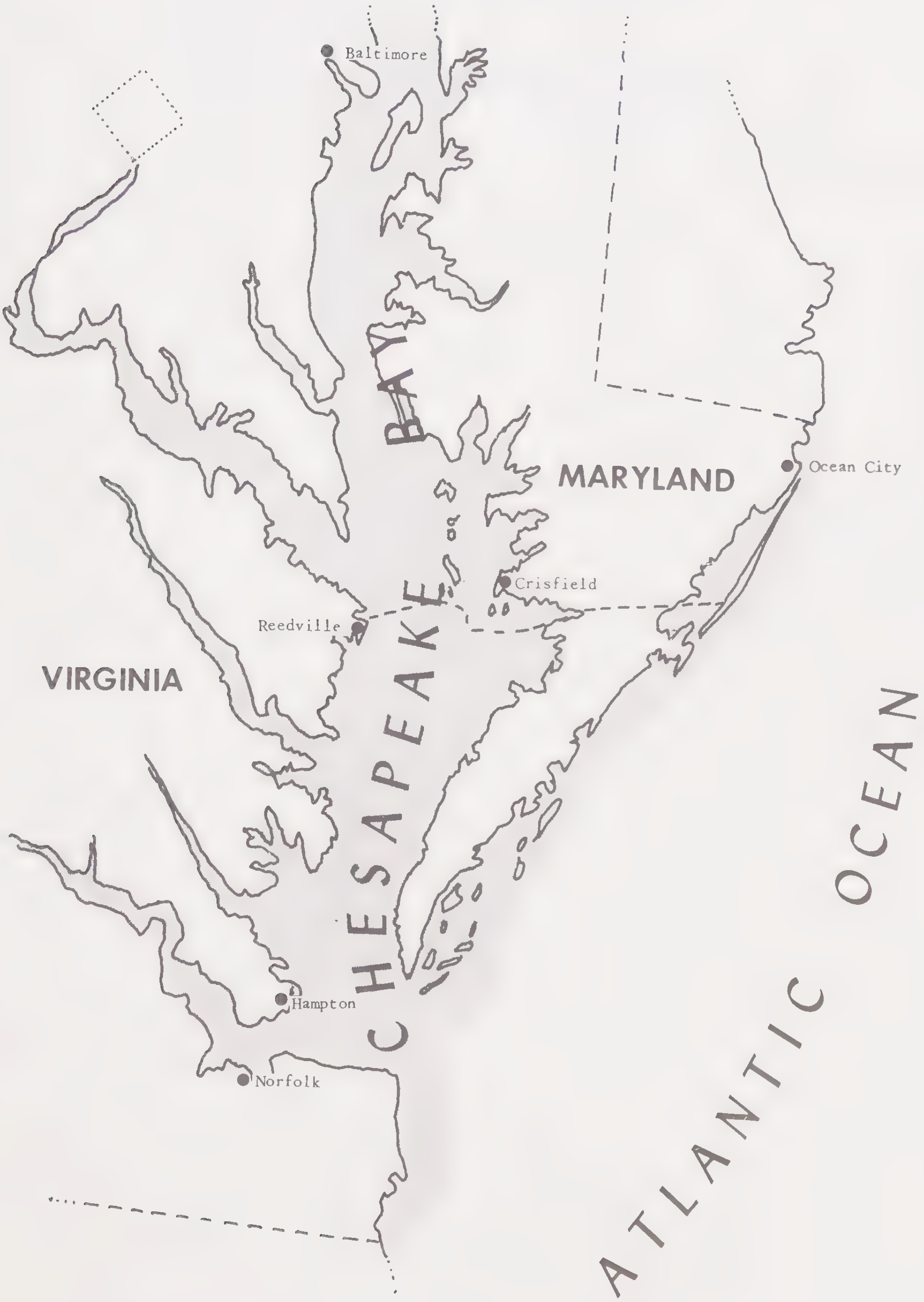
Other information. Condensed summary data on the operating units and landings by States appearing on the following pages have been published previously in Current Fishery Statistics No. 6229. Landings of fish and shellfish in the bay and ocean areas of Maryland and Virginia are shown at the end of this section. Additional data may be found in the monthly and annual Maryland and Virginia landings bulletins published by the Statistics and Market News Division in cooperation with the respective States.

Acknowledgments. The following organizations helped collect the data appearing in this section: Maryland Department of Natural Resources, Fisheries Administration; Natural Resources Institute of the University of Maryland; Virginia Marine Resources Commission; Virginia Institute of Marine Science; and Potomac River Fisheries Commission.



Oyster dredge

CHESAPEAKE FISHERIES


Baltimore
BAY
MARYLAND
Ocean City
Crisfield
Reedville
VIRGINIA
CHESAPEAKE
ATLANTIC OCEAN
Hampton
Norfolk

CHESAPEAKE STATES

CHESAPEAKE FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1971

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
MARYLAND	16	2	59	18	75	20
VIRGINIA	427	9	65	13	492	22
TOTAL	443	11	124	30	567	41

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1971

ITEM	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
		NUMBER	
FISHERMEN:			
ON VESSELS	1,527	2,627	4,100
ON BOATS AND SHORE:			
REGULAR	4,474	1,370	5,844
CASUAL	7,927	951	8,878
TOTAL	13,928	4,948	18,822
VESSELS:			
MOTOR	789	824	1,587
GROSS TONNAGE	8,211	21,815	28,948
SAIL	36	-	36
GROSS TONNAGE	447	-	447
TOTAL VESSELS	825	824	1,623
TOTAL GROSS TONNAGE	8,658	21,815	29,395
BOATS:			
MOTOR	10,171	1,733	11,904
OTHER	233	119	352
GEAR:			
HAUL SEINES, COMMON	98	92	190
PURSE SEINES, MENHADEN	-	27	27
OTTER TRAWLS, FISH	16	52	60
POUND NETS:			
FISH	186	334	520
CRAB	40	1,436	1,476
FYKE AND HOOP NETS:			
FISH	1,176	264	1,440
TURTLE	28	360	388
POTS AND TRAPS:			
CRAB	94,030	133,450	227,480
EEL	9,060	5,500	14,560
FISH	2,485	7,404	9,889
LOBSTER	-	3,200	3,200
TURTLE	86	-	86
GILL NETS:			
ANCHOR, SET, OR STAKE	2,288	413	2,701
DRIFT	309	273	582
LINES:			
HAND	40	90	130
LONG OR SET WITH HOOKS	-	45	45
TROT WITH BAITS	7,848	134	7,982
DIP NETS, COMMON	115	4	119
SCRAPES	316	112	428
DREDGES:			
CLAM	292	42	328
CRAB	-	285	285
OYSTER, COMMON	138	276	414
SCALLOP, SEA	-	20	20
OTHER	2	-	2
TONGS:			
OYSTER	4,592	1,350	5,942
OTHER	3	160	163
RAKES	-	75	75
PICKS	-	302	302

CHESAPEAKE FISHERIES

LANDINGS BY STATES, 1971

SPECIES	MARYLAND		VIRGINIA		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	2,811	54	10,285	240	13,096	294
BLUEFISH	141	15	611	62	752	77
BUTTERFISH	19	3	659	100	678	103
CABIO	-	-	4	(1)	4	(1)
CARP	203	6	38	1	241	7
CATFISH AND BULLHEADS	415	43	1,373	201	1,788	244
COD	4	1	1	(1)	5	1
CRAPPIE	14	1	-	-	14	1
CROAKER	(1)	(1)	265	34	265	34
DRUM:						
BLACK	1	(1)	101	7	102	7
RED	-	-	1	(1)	1	(1)
EEL, COMMON	234	34	1,223	339	1,457	373
FLOUNDERS:						
BLACKBACK	17	2	55	11	72	13
FLUKE	296	101	1,707	501	2,003	602
UNCLASSIFIED	(1)	(1)	19	5	19	5
GARFISH	-	-	1	(1)	1	(1)
GIZZARD SHAD	15	(1)	51	1	66	1
HAKE:						
RED	19	1	[illegible]	[illegible]	[illegible]	[illegible]
WHITE	-	-	[illegible]	[illegible]	[illegible]	[illegible]
HARVESTFISH	-	-	77	14	77	14
HERRING, SEA	1	(1)	2,450	37	2,451	37
HICKORY SHAD	11	1	11	1	22	2
HOGCHOKER	2	(1)	-	-	2	(1)
KING WHITING OR "KINGFISH"	3	1	25	3	28	4
MACKEREL:						
ATLANTIC	10	(1)	124	7	134	7
KING	-	-	7	1	7	1
SPANISH	1	(1)	51	9	52	9
MENHADEN	5,958	119	394,145	6,431	400,103	6,550
MULLET, BLACK (LISA)	1	(1)	8	1	9	1
PIGFISH	-	-	10	1	10	1
SCUP OR PORGY	27	4	1,912	210	1,939	214
SEA BASS, BLACK	140	45	658	122	798	167
SEA TROUT OR WEAKFISH:						
GRAY	408	37	2,333	270	2,741	307
SPOTTED	-	-	44	10	44	10
SHAD	953	124	1,520	135	2,473	259
SHARKS:						
GRAYFISH	3	(1)	24	1	27	1
UNCLASSIFIED	33	1	-	-	33	1
SPOT	20	4	504	58	524	62
STRIPED BASS	2,743	862	1,221	288	3,964	1,150
STURGEON, COMMON	3	(1)	17	3	20	3
SUCKERS	1	(1)	-	-	1	(1)
SUNFISH	7	1	-	-	7	1
SWELLFISH	61	5	521	19	582	24
TAUTOG	(1)	(1)	(1)	(1)	(1)	(1)
TILEFISH	-	-	3	(1)	3	(1)
WHITE PERCH	1,508	240	461	63	1,969	303
WHITING	6	1	94	7	100	8
YELLOW PERCH	87	10	1	(1)	88	10
UNCLASSIFIED:						
FOR FOOD	5	(1)	66	6	71	6
FOR BAIT, REDUCTION, AND ANIMAL FOOD	(1)	(1)	4,466	96	4,466	96
TOTAL FISH	16,181	1,716	427,157	9,296	443,338	11,012
SHELLFISH ET AL.						
CRABS, BLUE:						
HARD	26,075	2,470	[illegible]	[illegible]	[illegible]	[illegible]
SOFT AND PEELER	1,530	731	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL CRABS	27,605	3,201	[illegible]	[illegible]	[illegible]	[illegible]
LOBSTERS, AMERICAN	28	28	[illegible]	[illegible]	[illegible]	[illegible]
CLAMS:						
HARD:						
PUBLIC	332	192	[illegible]	[illegible]	[illegible]	[illegible]
PRIVATE	-	-	[illegible]	[illegible]	[illegible]	[illegible]
SOFT, PUBLIC	5,986	2,993	-	-	[illegible]	[illegible]
SURF	7,752	981	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL CLAMS	14,070	4,166	[illegible]	[illegible]	[illegible]	[illegible]

SEE FOOTNOTES AT END OF TABLE.

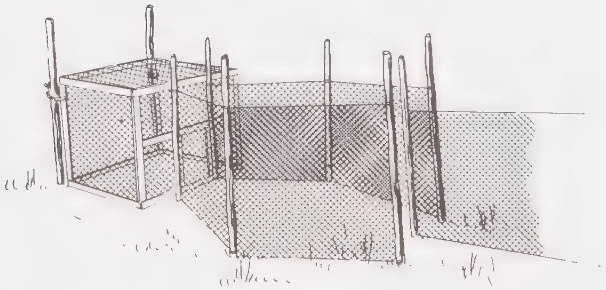
(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1971 - Continued

SPECIES	MARYLAND		VIRGINIA		TOTAL	
SHELLFISH ET AL. - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CONCHS.	61	10	20	3	81	13
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	4,767	2,850	999	559	5,766	3,409
FALL.	10,986	6,665	1,904	1,164	12,890	7,829
PRIVATE:						
SPRING.	801	567	3,253	2,204	4,054	2,771
FALL.	562	453	2,285	1,582	2,847	2,035
TOTAL OYSTERS	17,116	10,535	8,441	5,509	25,557	16,044
SCALLOPS, SEA	-	-	546	802	546	802
SQUID	11	2	410	38	421	40
TERRAPIN.	5	2	2	1	7	3
TURTLES, SNAPPER.	36	6	111	25	147	31
TOTAL SHELLFISH ET AL.	58,932	17,950	64,608	12,525	123,540	30,475
GRAND TOTAL	75,113	19,666	491,765	21,821	566,878	41,487

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.



Crab pound net

LANDINGS OF CERTAIN SHELLFISH, 1971

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:						
HARD:						
PUBLIC.	41,525	192,089	220,456	1,343,717	261,981	1,535,806
PRIVATE	-	-	9,112	54,120	9,112	54,120
SOFT, PUBLIC.	498,844	2,993,064	-	-	498,844	2,993,064
SURF.	455,970	980,736	265,095	526,715	721,065	1,507,451
CONCHS.	3,030	9,671	1,019	2,968	4,049	12,639
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	694,201	2,850,485	198,725	559,472	892,926	3,409,957
FALL.	1,640,223	6,664,488	379,373	1,164,442	2,019,596	7,828,930
PRIVATE:						
SPRING.	116,669	567,137	649,949	2,203,911	766,618	2,771,048
FALL.	88,209	453,439	456,643	1,582,140	544,852	2,035,579
SCALLOPS, SEA	-	-	91,000	801,933	91,000	801,933

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN SHELLFISH, 1971

SPECIES	MARYLAND	VIRGINIA
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL	
CLAMS:		
HARD:		
PUBLIC.	8.00	8.00
PRIVATE	-	8.00
SOFT, PUBLIC.	12.00	-
SURF.	17.00	17.00
CONCHS.	20.00	20.00
OYSTERS, MARKET:		
PUBLIC:		
SPRING.	5.27	5.01
FALL.	5.14	5.01
PRIVATE:		
SPRING.	5.27	5.01
FALL.	5.02	5.01
SCALLOPS, SEA	-	6.00

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

CHESAPEAKE FISHERIES

PROCESSED FISHERY PRODUCTS, 1971

ITEM	UNIT	MARYLAND		VIRGINIA	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
ALEWIVES:					
CANNED:					
FISH	STANDARD CASES	-	-	(1)	(1)
ROE	DO	-	-	(1)	(1)
ANIMAL FOOD	DO	-	-	(1)	(1)
SALTED	POUNDS	-	-	(1)	(1)
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1000 LBS	-	-	(1)	(1)
SOLUBLES	TONS	-	-	(1)	(1)
ANCHOVY PASTE, CANNED	STANDARD CASES	(1)	(1)	-	-
COD SPECIALTIES FROZEN, (CAKES, BREADED COOKED)	POUNDS	-	-	(1)	(1)
FLOUNDER:					
FILLETS:					
FRESH	DO	-	-	2,185,000	1,334,000
BREADED RAW, FROZEN	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN (STUFFED, BREADED, RAW AND COOKED)	DO	(1)	(1)	(1)	(1)
HERRING, SEA, SPECIALTIES, CURED AND REFRIGERATED, (BISMARKS, PARTY SNACKS, ETC.)	DO	(1)	(1)	-	-
MENHADEN:					
CANNED, ANIMAL FOOD	STANDARD CASES	-	-	(1)	(1)
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1000 LBS	-	-	(1)	(1)
SOLUBLES	TONS	-	-	(1)	(1)
TUNA:					
CANNED:					
ALBACORE AND LIGHT MEAT	STANDARD CASES	(1)	(1)	-	-
ANIMAL FOOD	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
YELLOW PERCH FILLETS BREADED RAW	POUNDS	-	-	(1)	(1)
CRABS, BLUE:					
FRESH AND FROZEN:					
COOKED MEAT	DO	3,002,502	5,993,159	3,682,800	7,173,640
SPECIALTIES:					
COCKTAILS, REFRIGERATED	DO	(1)	(1)	-	-
BREADED, RAW AND COOKED:					
CAKES	DO	248,619	289,958	236,905	307,462
DEVILED	DO	979,775	948,970	(1)	(1)
OTHER (CUTLETS AND IMPERIAL)	DO	(1)	(1)	(1)	(1)
CANNED (SOUP)	STANDARD CASES	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	3,831	178,985
LOBSTERS SPINY, SPECIALTIES, CANNED (SOUP)	STANDARD CASES	(1)	(1)	-	-
SHRIMP:					
BREADED, RAW AND COOKED, FROZEN	POUNDS	(1)	(1)	182,825	264,502
SPECIALTIES:					
FRESH AND FROZEN (COCKTAILS, REFRIGERATED, AND CURRIES)	DO	(1)	(1)	(1)	(1)
CANNED (SOUP)	STANDARD CASES	(1)	(1)	-	-
CLAMS:					
FRESH AND FROZEN:					
SHUCKED:					
HARD AND SURF	GALLONS	(1)	(1)	737,622	2,272,340
SOFT	DO	409,824	3,695,557	-	-
SPECIALTIES:					
BREADED, RAW AND COOKED	POUNDS	2,388,018	2,352,134	(1)	(1)
OTHER (DEVILED, STICKS, CAKES, ETC.)	DO	(1)	(1)	-	-
CANNED:					
MINCED	STANDARD CASES	(1)	(1)	-	-
CHOWDER AND JUICE	DO	(1)	(1)	-	-
SPECIALTIES (IN SHELL)	DO	(1)	(1)	-	-
CONCH MEATS, STEAMED FRESH	POUNDS	-	-	(1)	(1)
OYSTERS:					
FRESH AND FROZEN:					
SHUCKED	GALLONS	949,087	8,375,990	1,868,657	16,966,680

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	MARYLAND		VIRGINIA	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
OYSTERS- CONTINUED					
FRESH AND FROZEN:					
STEAMED.	POUNDS	-	-	672,362	1,288,080
SPECIALTIES (BREADED, RAW AND COOKED)	DO	74,068	92,066	574,841	848,874
SHELL GRIT AND LIME.	TONS	(1)	(1)	(1)	(1)
SCALLOPS, SEA, BREADED, RAW AND COOKED, FROZEN	POUNDS	(1)	(1)	409,922	713,161
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED FISH, FILLETS, STICKS, PORTIONS AND OTHER FISH AND SHELLFISH . .	DO	61,182,795	33,012,954	3,228,739	2,008,857
CANNED	STANDARD CASES	661,681	12,078,727	139,087	1,135,567
CURED.	POUNDS	(2)	(2)	(2)	(2)
INDUSTRIAL	-	-	1,229,302	-	10,628,686
TOTAL.	-	-	68,068,817	-	45,120,834

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH UNCLASSIFIED PACKAGED FRESH AND FROZEN, FISH AND SHELLFISH.

NOTE:--SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED WITH THE LANDINGS WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STATE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1971

ITEM	THOUSAND DOLLARS
PACKAGED	48,795
FRESH.	34,244
FROZEN	13,214
CANNED	4,900
CURED.	12,037
INDUSTRIAL	
TOTAL.	113,190

VALUE OF PROCESSED PRODUCTS, BY STATES, 1971

STATE	THOUSAND DOLLARS
MARYLAND	68,069
VIRGINIA	45,121
TOTAL.	113,190

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971

STATE	PROCESSING			WHOLESALE			TOTAL		
	PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR		SEASON	YEAR		SEASON	YEAR
	NUMBER								
MARYLAND	98	4,322	3,304	109	502	431	207	4,824	3,735
VIRGINIA	144	5,600	3,854	104	346	307	248	5,946	4,161
TOTAL.	242	9,922	7,158	213	848	738	455	10,770	7,896

NOTE:--EMPLOYMENT IS REPORTED BY EACH PLANT FOR EACH MONTH FOR THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF THE MONTH. EMPLOYMENT FOR THE SEASON IS BASED ON THE GREATEST NUMBER OF EMPLOYEES WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH. EMPLOYMENT FOR THE YEAR IS OBTAINED BY ADDING THE NUMBER OF EMPLOYEES RECORDED AS WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH, FOR THE YEAR, AND DIVIDING BY 12.

MARYLAND

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	POUND NETS		FYKE AND HOOP NETS	
			FISH	CRAB	FISH	TURTLE
	NUMBER					
FISHERMEN:						
ON VESSELS	143	56	98	-	25	-
ON BOATS AND SHORE:						
REGULAR	178	-	160	15	46	8
CASUAL	132	-	66	-	86	3
TOTAL	453	56	324	15	157	11
VESSELS, MOTOR	29	16	22	-	15	-
GROSS TONNAGE	236	828	203	-	116	-
BOATS:						
MOTOR	93	-	63	15	120	9
OTHER	77	-	67	-	-	-
GEAR	98	16	186	40	1,176	28

ITEM	POTS AND TRAPS				GILL NETS	
	CRAB	EEL	FISH	TURTLE	ANCHOR, SET, OR STAKE	DRIFT
	NUMBER					
FISHERMEN:						
ON VESSELS	225	-	8	-	221	100
ON BOATS AND SHORE:						
REGULAR	574	188	20	10	650	124
CASUAL	390	69	36	7	944	226
TOTAL	1,189	257	64	17	1,815	450
VESSELS, MOTOR	210	-	5	-	135	57
GROSS TONNAGE	1,715	-	55	-	1,195	533
BOATS:						
MOTOR	892	249	55	13	1,245	249
OTHER	-	-	-	-	3	-
GEAR	94,030	9,060	2,485	86	2,288	309

ITEM	LINES		DIP NETS, COMMON	SCRAPES
	HAND	TROT WITH BAITS		
	NUMBER			
FISHERMEN:				
ON VESSELS	6	241	-	-
ON BOATS AND SHORE:				
REGULAR	3	1,963	8	245
CASUAL	34	5,645	107	71
TOTAL	43	7,849	115	316
VESSELS, MOTOR	2	232	-	-
GROSS TONNAGE	24	1,866	-	-
BOATS:				
MOTOR	33	6,094	6	316
OTHER	-	-	96	-
GEAR	40	7,848	115	316

ITEM	DREDGES			TONGS		TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	OYSTER, COMMON	OTHER	OYSTER	OTHER	
	NUMBER					
FISHERMEN:						
ON VESSELS	346	272	-	549	-	1,527
ON BOATS AND SHORE:						
REGULAR	262	68	4	3,094	3	4,474
CASUAL	-	12	-	953	-	7,927
TOTAL	608	352	4	4,596	3	13,928
VESSELS:						
MOTOR	161	25	-	499	-	789
GROSS TONNAGE	2,293	238	-	4,063	-	8,211
SAIL	-	36	-	-	-	36
GROSS TONNAGE	-	447	-	-	-	447
TOTAL VESSELS	161	61	-	499	-	825
TOTAL GROSS TONNAGE	2,293	685	-	4,063	-	8,658
BOATS:						
MOTOR	131	36	2	3,520	3	10,171
OTHER	-	-	-	-	-	233
GEAR	292	138	2	4,592	3	-

MARYLAND - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, FISH		POUND NETS	
					FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	2,600	51	-	-	2,560,400	49,367
BLUEFISH.	16,100	1,747	15,900	1,316	87,600	9,494
BUTTERFISH.	-	-	17,800	2,698	700	67
CARP.	157,300	4,715	-	-	9,000	263
CATFISH AND BULLHEADS . . .	28,200	2,911	-	-	24,200	2,467
COD	-	-	3,900	608	-	-
CRAPPIE	400	32	-	-	7,600	531
CROAKER	-	-	200	36	-	-
DRUM, BLACK	100	4	400	35	200	17
EEL, COMMON	4,200	623	-	-	9,500	1,689
FLOUNDERS:						
BLACKBACK	-	-	15,900	1,803	1,200	98
FLUKE	-	-	293,100	100,256	3,300	816
UNCLASSIFIED.	-	-	100	15	-	-
GIZZARD SHAD.	100	2	-	-	-	-
HAKE, RED	-	-	5,900	312	-	-
HERRING, SEA.	-	-	1,000	19	-	-
HOGCHOKER	-	-	-	-	2,200	44
KING WHITING OR "KINGFISH".	-	-	2,900	580	-	-
MACKEREL:						
ATLANTIC.	-	-	9,300	392	-	-
SPANISH	-	-	-	-	900	159
MENHADEN.	30,700	648	-	-	5,650,200	112,807
SCUP OR PORGY	-	-	26,900	3,873	-	-
SEA BASS, BLACK	-	-	2,100	458	-	-
SEA TROUT OR WEAKFISH, GRAY	19,200	3,508	336,700	23,612	38,300	6,990
SHAD.	-	-	100	5	64,200	7,999
SHARKS:						
GRAYFISH.	-	-	3,000	148	-	-
UNCLASSIFIED.	-	-	32,500	649	-	-
SPOT.	15,600	3,018	2,300	186	2,400	475
STRIPED BASS.	74,400	23,161	112,400	42,524	214,600	66,837
STURGEON, COMMON.	-	-	3,100	438	-	-
SUNFISH	500	39	-	-	100	8
SWELLFISH	-	-	100	10	500	37
TAUTOG.	-	-	100	6	-	-
WHITE PERCH	127,800	20,311	-	-	169,900	27,082
WHITING	-	-	6,300	667	-	-
YELLOW PERCH.	3,800	422	-	-	17,900	2,000
UNCLASSIFIED, FOR FOOD. . .	-	-	3,600	383	-	-
LOBSTERS, AMERICAN.	-	-	23,500	23,074	-	-
CONCHS.	-	-	31,000	4,512	-	-
SQUID	-	-	11,000	1,841	-	-
TURTLES, SNAPPER.	800	235	-	-	-	-
TOTAL	481,800	61,427	961,100	210,456	8,864,900	289,247

SPECIES	POUND NETS - CONTINUED		FYKE AND HOOP NETS			
	CRAB		FISH		TURTLE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	-	-	1,100	20	-	-
CARP.	-	-	14,000	420	-	-
CATFISH AND BULLHEADS . . .	-	-	75,700	7,754	-	-
CRAPPIE	-	-	3,500	249	-	-
EEL, COMMON	-	-	2,900	521	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	200	37	-	-
STRIPED BASS.	-	-	800	249	-	-
SUCKERS	-	-	900	19	-	-
SUNFISH	-	-	4,800	377	-	-
WHITE PERCH	-	-	156,500	24,949	-	-
YELLOW PERCH.	-	-	52,000	5,792	-	-
UNCLASSIFIED, FOR FOOD. . .	-	-	100	7	-	-
CRABS, BLUE:						
HARD.	4,700	564	-	-	-	-
SOFT AND PEELER	106,700	51,876	-	-	-	-
TURTLES, SNAPPER.	-	-	-	-	7,300	1,460
TOTAL	111,400	52,440	312,500	40,394	7,300	1,460

(CONTINUED ON NEXT PAGE)

MARYLAND - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	POTS AND TRAPS					
	CRAB		EEL		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	-	-	1,200	24
CARP	-	-	-	-	3,900	116
CATFISH AND BULLHEADS	-	-	4,900	540	227,200	23,509
CRAPPIE	-	-	-	-	100	10
EEL, COMMON	-	-	185,600	25,393	29,200	5,152
HAKE, RED	-	-	-	-	12,600	377
SEA BASS, BLACK	-	-	-	-	137,500	44,942
STRIPED BASS	-	-	-	-	4,500	1,401
SWELLFISH	60,600	5,246	-	-	-	-
TAUTOG	-	-	-	-	300	6
WHITE PERCH	-	-	-	-	26,700	4,263
YELLOW PERCH	-	-	-	-	1,500	170
UNCLASSIFIED, FOR FOOD	-	-	-	-	700	38
CRABS, BLUE:						
HARD	15,394,100	1,322,730	-	-	-	-
SOFT AND PEELER	156,300	70,980	-	-	-	-
LOBSTERS, AMERICAN	-	-	-	-	4,600	4,955
CONCHS	-	-	-	-	100	14
TOTAL	15,611,000	1,398,956	190,500	25,933	450,100	84,977

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	TURTLE		ANCHOR, SET, OR STAKE		DRIFT	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	224,900	4,395	21,000	414
BLUEFISH	-	-	18,300	2,012	2,500	363
CARP	-	-	16,900	503	2,200	67
CATFISH AND BULLHEADS	-	-	44,900	4,587	9,800	1,018
CRAPPIE	-	-	2,500	167	-	-
EEL, COMMON	-	-	2,400	422	-	-
FLOUNDER, BLACKBACK	-	-	300	25	-	-
GIZZARD SHAD	-	-	14,500	291	200	4
HICKORY SHAD	-	-	10,500	915	700	61
KING WHITING OR "KINGFISH"	-	-	200	35	-	-
MACKEREL, ATLANTIC	-	-	-	-	300	16
MENHADEN	-	-	276,700	5,839	-	-
MULLET, BLACK (LISA)	-	-	800	65	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	12,900	2,365	200	37
SHAD	-	-	772,300	101,212	115,900	14,530
SHARKS, GRAYFISH	-	-	400	19	-	-
STRIPED BASS	-	-	1,685,800	525,029	638,000	198,723
SUNFISH	-	-	1,200	93	-	-
WHITE PERCH	-	-	822,200	130,916	202,400	32,268
YELLOW PERCH	-	-	10,700	1,187	1,100	122
UNCLASSIFIED:						
FOR FOOD	-	-	400	26	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	100	4	-	-
TURTLES, SNAPPER	26,900	4,545	-	-	-	-
TOTAL	26,900	4,545	3,918,900	780,107	994,300	247,623

SPECIES	LINES				DIP NETS, COMMON	
	HAND		TROT WITH BAITS			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	1,000	127	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	300	54	-	-	-	-
STRIPED BASS	12,500	3,968	-	-	-	-
WHITE PERCH	2,200	355	-	-	-	-
CRABS, BLUE:						
HARD	-	-	10,549,100	1,132,845	19,900	2,999
SOFT AND PEELER	-	-	60,900	28,391	35,400	19,250
TOTAL	16,000	4,504	10,610,000	1,161,236	55,300	22,249

(CONTINUED ON NEXT PAGE)

MARYLAND - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	SCRAPES		DREDGES			
			CLAM		OYSTER, COMMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE:						
HARD	107,200	10,976	-	-	-	-
SOFT AND PEELER	1,170,800	560,852	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	330,300	190,780	-	-
SOFT, PUBLIC	-	-	5,986,300	2,993,064	-	-
SURF	-	-	7,751,500	980,736	-	-
CONCHS	-	-	29,500	5,145	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	1,283,100	770,719
FALL	-	-	-	-	1,990,300	1,219,728
PRIVATE:						
SPRING	-	-	-	-	695,200	505,822
FALL	-	-	-	-	525,500	430,316
TOTAL	1,278,000	571,828	14,097,600	4,169,725	4,494,100	2,926,585

SPECIES	DREDGES - CONTINUED		TONGS			
	OTHER		OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	-	-	-	-	1,900	1,309
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	3,484,100	2,079,766	-	-
FALL	-	-	8,995,900	5,444,760	-	-
PRIVATE:						
SPRING	-	-	105,900	61,315	-	-
FALL	-	-	36,900	23,123	-	-
TERRAPIN	5,100	2,147	-	-	-	-
TURTLES, SNAPPER	600	140	-	-	-	-
TOTAL	5,700	2,287	12,622,800	7,608,964	1,900	1,309

VIRGINIA

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, FISH	POUND NETS		FYKE AND HOOP NETS	
				FISH	CRAB	FISH	TURTLE
	NUMBER						
FISHERMEN:							
ON VESSELS	98	436	230	292	32	2	-
ON BOAT AND SHORE:							
REGULAR	155	-	-	151	68	34	24
CASUAL	92	-	-	43	95	47	12
TOTAL	345	436	230	486	195	83	36
VESSELS, MOTOR	23	27	52	60	18	1	-
GROSS TONNAGE	204	7,471	4,016	700	146	9	-
BOATS:							
MOTOR	112	54	-	64	161	76	36
OTHER	49	1	-	65	-	-	-
GEAR	92	27	52	334	1,436	264	360

ITEM	POTS AND TRAPS				GILL NETS	
	CRAB	EEL	FISH	LOBSTER	ANCHOR, SET, OR STAKE	DRIFT
	NUMBER					
FISHERMEN:						
ON VESSELS	428	27	6	19	113	43
ON BOATS AND SHORE:						
REGULAR	583	52	41	-	65	100
CASUAL	323	30	31	-	80	166
TOTAL	1,334	109	78	19	258	309
VESSELS, MOTOR	263	14	3	3	52	21
GROSS TONNAGE	2,059	110	37	410	460	196
BOATS:						
MOTOR	803	69	71	-	142	212
OTHER	-	-	-	-	4	-
GEAR	133,450	5,500	7,404	3,200	413	273

(CONTINUED ON NEXT PAGE)

VIRGINIA - OPERATING UNITS BY GEAR, 1971 - Continued

ITEM	LINES			DIP NETS, COMMON	SCRAPES
	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS		
	NUMBER				
FISHERMEN:					
ON VESSELS.	-	-	4	-	25
ON BOATS AND SHORE:					
REGULAR	18	30	88	2	77
CASUAL.	72	15	48	2	-
TOTAL	90	45	140	4	102
VESSELS, MOTOR.	-	-	2	-	19
GROSS TONNAGE	-	-	13	-	156
BOATS, MOTOR.	77	45	136	4	77
GEAR.	90	45	134	4	112

ITEM	DREDGES				TONGS	
	CLAM	CRAB	OYSTER, COMMON	SCALLOP, SEA	OYSTER	OTHER
	NUMBER					
FISHERMEN:						
ON VESSELS.	147	431	348	98	641	109
ON BOATS AND SHORE:						
REGULAR	4	4	106	-	443	33
CASUAL.	-	1	50	-	266	18
TOTAL	151	436	504	98	1,350	160
VESSELS, MOTOR.	39	174	145	10	298	59
GROSS TONNAGE	2,825	2,932	1,512	1,303	2,382	445
BOATS, MOTOR.	3	5	79	-	549	47
GEAR.	42	285	276	20	1,350	160

ITEM	RAKES	PICKS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS.	-	-	-	2,627
ON BOATS AND SHORE:				
REGULAR	48	160	18	1,370
CASUAL.	27	142	8	951
TOTAL	75	302	26	4,948
VESSELS, MOTOR.	-	-	-	824
GROSS TONNAGE	-	-	-	21,815
BOATS:				
MOTOR	75	-	-	1,733
OTHER	-	-	-	119
GEAR.	75	302	-	-

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	99,800	2,725	-	-	-	-
BLUEFISH.	110,200	11,247	-	-	18,700	1,619
BUTTERFISH.	71,100	10,430	-	-	452,600	69,713
CABIO	-	-	-	-	400	41
CARP.	9,800	341	-	-	-	-
CATFISH AND BULLHEADS . . .	588,600	86,087	-	-	-	-
COD	-	-	-	-	1,100	132
CROAKER	66,700	8,907	-	-	52,200	4,971
DRUM:						
BLACK	15,600	1,115	-	-	300	18
RED	700	26	-	-	-	-
EEL, COMMON	78,200	16,253	-	-	-	-
FLOUNDERS:						
BLACKBACK	10,800	1,791	-	-	11,300	2,303
FLUKE	36,500	8,933	-	-	1,568,300	468,064
UNCLASSIFIED.	4,900	1,600	-	-	5,100	666

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

[illegible]	[illegible]		[illegible]		[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	-			
[illegible]	[illegible]	[illegible]	-		-	-
[illegible]						
[illegible]	[illegible]	[illegible]	-		[illegible]	[illegible]
[illegible]	-				,400	5
HARVESTFISH	43,100	5,237	-		100	14
HICKORY SHAD	6,400	336	-	-		
KING WHITING OR KINGFISH	3,700	428	-		6,300	597
MACKEREL:						
ATLANTIC	[illegible]	[illegible]			65,100	2,142
KING	-	-	-			4
SPANISH	15,100	2,712	-			-
MENHADEN	12,000	413				
[illegible]	4,700	531	-			-
[illegible]	-	-	-		200	25
SCUP OR PORGY	-	-	-		1,910,900	209,158
SEA BASS, BLACK	[illegible]	[illegible]	-		826,400	114,822
SEA TROUT OR WEAKFISH:						
GRAY	[illegible]	[illegible]		-	133,100	14,055
[illegible]	[illegible]	[illegible]	-	-		41
[illegible]	[illegible]	[illegible]	-			50
[illegible]	3,600	107	-	-		272
SPOT	172,900	21,058	-		[illegible]	215
STRIPED BASS	135,000	43,774	-	-	75,600	17,343
STURGEON, COMMON	-	-	-		14,700	2,774
[illegible]	[illegible]	[illegible]	-		6,900	752
[illegible]	[illegible]		-		100	3
[illegible]	[illegible]	-	-	-	2,500	303
[illegible]	108,100	15,426	-	-	60,300	5,871
[illegible]	-	-				
[illegible]	[illegible]	[illegible]	-	-	21,400	2,173
FOR BAIT, REDUCTION, AND ANIMAL FOOD	[illegible]	3,380	564,[illegible]	[illegible]	15,600	334
[illegible]					122,300	101,741
OYSTERS, AMERICAN	-	-	-	-	500	82
CONCHS	-	-	-	-	1,100	1,516
SEA, [illegible]	-	-	-	-	403,500	37,752
[illegible]	-	-	-	-		
TERRAPIN	[illegible]	[illegible]	-	-	-	-
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]				[illegible]	
	[illegible]		[illegible]			
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALEWIVES	10,246,000	233,527	-	-	[illegible]	[illegible]
BLUEFISH	396,700	45,370	-		-	-
BUTTERFISH	104,100	49,452	-	-	-	-
CARP	3,100	408	-	-	3,300	334
[illegible]	11,100	402	-	-	124,500	15,408
CATFISH AND BULLHEADS	13,400	1,322	-	-	-	-
CROAKER	119,500	15,043	-	-	-	-
DRUM, BLACK	[illegible]	[illegible]	-	-	[illegible]	[illegible]
EEL, COMMON	348,000	110,545	-	-		
FLOUNDERS:						
BLACKBACK	[illegible]	[illegible]	-	-	-	-
FLUKE	100,100	24,302	-	-	-	-
UNCLASSIFIED	3,500	3,095	-	-	-	-
GIZZARD SHAD	3,200	95	-	-	-	-
HARVESTFISH	47,800	5,601	-	-	-	-
HERRING, SEA	2,450,200	37,327	-	-	200	18
HICKORY SHAD	3,100	153	-	-	-	-
KING WHITING OR KINGFISH	11,000	1,113	-	-	-	-
MACKEREL:						
ATLANTIC	32,400	2,596	-	-	-	-
KING	1,100	213	-	-	-	-
SPANISH	21,400	3,597	-	-	-	-
MENHADEN	6,353,500	233,31[illegible]	-	-	100	10
MULLET, BLACK	[illegible]	[illegible]	-	-	-	-
SCUP OR PORGY	[illegible]	[illegible]	-	-	-	-
SEA BASS, BLACK	[illegible]	[illegible]	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	1,132,400	141,134	-	-	-	-
[illegible]	[illegible]	[illegible]	-	-	53,800	5,574
[illegible]		[illegible]	-	-	-	-

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	POUND NETS				FYKE AND HOOP NETS	
	FISH		CRAB		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SPOT	201,000	23,059	-	-	-	-
STRIPED BASS	535,100	127,863	-	-	54,800	12,947
SWELLFISH	296,200	10,052	-	-	-	-
TILEFISH	100	10	-	-	-	-
WHITE PERCH	179,900	25,644	-	-	67,000	8,801
WHITING	100	8	-	-	-	-
YELLOW PERCH	-	-	-	-	100	17
UNCLASSIFIED:						
FOR FOOD	27,600	2,649	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	3,053,000	66,466	-	-	-	-
CRABS, BLUE:						
HARD	1,000	69	459,800	34,636	-	-
SOFT AND PEELER	-	-	221,600	101,797	-	-
TOTAL	38,774,700	1,186,301	681,400	136,433	378,800	49,150

SPECIES	FYKE AND HOOP NETS - CONTINUED		POTS AND TRAPS			
	TURTLE		CRAB		EEL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EEL, COMMON	-	-	500	105	743,300	202,795
WHITE PERCH	-	-	-	-	3,000	429
CRABS, BLUE:						
HARD	-	-	35,250,200	2,724,636	-	-
SOFT AND PEELER	-	-	369,100	171,207	-	-
CONCHS	-	-	2,000	294	-	-
TURTLES, SNAPPER	54,800	12,525	-	-	-	-
TOTAL	54,800	12,525	35,621,800	2,896,242	746,300	203,224

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	FISH		LOBSTER		ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	4,000	109	-	-	23,800	614
BLUEFISH	-	-	-	-	16,100	1,635
BUTTERFISH	-	-	-	-	300	43
CARP	5,700	208	-	-	700	21
CATFISH AND BULLHEADS	552,300	81,168	-	-	6,000	874
COD	-	-	-	-	100	10
CROAKER	-	-	-	-	13,300	1,785
EEL, COMMON	27,100	4,442	-	-	-	-
GIZZARD SHAD	-	-	-	-	3,100	72
HICKORY SHAD	-	-	-	-	200	19
KING WHITING OR "KINGFISH"	-	-	-	-	1,500	151
MACKEREL:						
ATLANTIC	-	-	-	-	2,700	219
KING	-	-	-	-	4,100	791
SPANISH	-	-	-	-	9,300	1,573
MULLET, BLACK (LISA)	-	-	-	-	400	41
PIGFISH	-	-	-	-	4,900	268
SEA BASS, BLACK	8,900	2,325	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	-	-	-	-	164,900	19,593
SPOTTED	-	-	-	-	10,400	2,233
SHAD	-	-	-	-	230,600	18,474
SHARKS, GRAYFISH	-	-	-	-	900	27
SPOT	-	-	-	-	65,300	7,591
STRIPED BASS	-	-	-	-	257,100	63,256
SWELLFISH	122,300	4,651	-	-	-	-
WHITE PERCH	10,300	1,352	-	-	58,100	6,831
YELLOW PERCH	-	-	-	-	400	50
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	7,600	756
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	2,000	50
LOBSTERS, AMERICAN	-	-	111,600	98,520	-	-
TURTLES, SNAPPER	100	14	-	-	-	-
TOTAL	730,700	94,269	111,600	98,520	883,800	126,977

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT		HAND		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	56,500	1,542	-	-	-	-
BLUEFISH	63,700	6,632	3,300	340	-	-
BUTTERFISH	1,300	180	-	-	-	-
CABIO	-	-	300	41	-	-
CARP	1,400	51	-	-	-	-
CATFISH AND BULLHEADS	10,600	1,558	-	-	97,500	14,332
CROAKER	13,100	1,751	-	-	-	-
DRUM, BLACK	19,700	1,706	6,800	414	-	-
GIZZARD SHAD	3,600	101	-	-	-	-
HAKE, RED	7,800	701	-	-	-	-
HARVESTFISH	200	36	-	-	-	-
HICKORY SHAD	1,600	123	-	-	-	-
KING WHITING OR "KINGFISH"	2,400	249	-	-	-	-
MACKEREL:						
ATLANTIC	23,300	1,631	-	-	-	-
KING	1,900	367	200	39	-	-
SPANISH	3,000	516	1,200	201	-	-
MULLET, BLACK (LISA)	2,000	198	-	-	-	-
PIGFISH	4,100	225	900	49	-	-
SEA BASS, BLACK	-	-	16,400	4,259	-	-
SEA TROUT OR WEAKFISH:						
GRAY	351,600	37,838	400	87	-	-
SPOTTED	3,800	841	-	-	-	-
SHAD	712,400	66,217	-	-	-	-
SHARKS, GRAYFISH	7,600	224	-	-	-	-
SPOT	61,400	7,183	-	-	-	-
STRIPED BASS	169,300	35,583	3,400	794	-	-
STURGEON, COMMON	2,100	533	-	-	-	-
SWELLFISH	5,200	127	-	-	-	-
WHITE PERCH	36,200	4,784	-	-	-	-
WHITING	13,600	1,090	-	-	-	-
UNCLASSIFIED, FOR FOOD	3,600	344	-	-	-	-
TURTLES, SNAPPER	-	-	55,800	12,839	-	-
TOTAL	1,583,000	172,331	88,700	19,063	97,500	14,332

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		SCRAPES	
	TROT WITH BAITS					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE:						
HARD	1,124,100	87,057	10,900	705	-	-
SOFT AND PEELER	-	-	-	-	100,000	47,289
TOTAL	1,124,100	87,057	10,900	705	100,000	47,289

SPECIES	DREDGES					
	CLAM		CRAB		OYSTER, COMMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE, HARD	-	-	10,961,600	853,880	-	-
CLAMS:						
HARD, PUBLIC	25,800	19,152	-	-	-	-
SURF	4,506,600	526,715	-	-	-	-
CONCHS	800	96	17,000	2,496	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	-	-	-	-	2,912,300	1,971,442
FALL	-	-	-	-	2,033,100	1,402,869
TOTAL	4,533,200	545,963	10,978,600	856,376	4,945,400	3,374,311

SPECIES	DREDGES - CONTINUED		TONGS			
	SCALLOP, SEA		OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
BLACKBACK	9,700	3,045	-	-	-	-
FLUKE	2,000	200	-	-	-	-
CLAMS, HARD:						
PUBLIC	-	-	-	-	837,300	650,560
PRIVATE	-	-			61,500	45,657
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	999,200	559,472	-	-
FALL	-	-	1,903,700	1,164,442	-	-
PRIVATE:						
SPRING	-	-	340,900	232,469	-	-
FALL	-	-	252,300	179,271	-	-
SCALLOPS, SEA	545,300	800,315	-	-	-	-
SQUID	400	45	-	-	-	-
TOTAL	557,400	803,605	3,496,100	2,135,654	898,800	696,217

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	RAKES		PICKS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE, SOFT AND PEELER	-	-	-	-	2,000	1,000
CLAMS, HARD:						
PUBLIC.	105,500	79,503	690,100	515,684	104,900	78,818
PRIVATE	11,400	8,463	-	-	-	-
TOTAL	116,900	87,966	690,100	515,684	106,900	79,818

1/ LESS THAN 50 POUNDS.

CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1971

SPECIES	MARYLAND				VIRGINIA	
	OCEAN 1/		CHESAPEAKE BAY		OCEAN 1/	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	-	-	2,811,200	54,271	17,000	425
BLUEFISH.	17,200	1,585	124,200	13,474	74,900	7,475
BUTTERFISH.	17,800	2,698	700	67	454,900	70,056
CABIO	-	-	-	-	700	82
CARP.	-	-	203,300	6,084	400	15
CATFISH AND BULLHEADS . . .	-	-	415,000	42,793	800	114
COD	3,900	608	-	-	1,100	132
CRAPPIE	-	-	14,100	989	-	-
CROAKER	200	36	-	-	54,200	5,182
DRUM:						
BLACK	400	35	300	21	33,200	2,997
RED	-	-	-	-	100	5
EEL, COMMON	-	-	234,100	33,848	-	-
FLOUNDERS:						
BLACKBACK	15,900	1,803	1,500	123	11,300	2,303
FLUKE	293,100	100,256	3,300	816	1,578,000	471,109
UNCLASSIFIED.	100	15	-	-	7,100	866
GIZZARD SHAD.	-	-	14,800	297	200	8
HAKE:						
RED	18,500	689	-	-	8,600	744
WHITE	-	-	-	-	1,400	51
HARVESTFISH	-	-	-	-	100	14
HERRING, SEA.	1,000	19	-	-	-	-
HICKORY SHAD.	-	-	11,200	976	400	14
HOGCHOKER	-	-	2,200	44	-	-
KING WHITING OR "KINGFISH".	2,900	580	200	35	9,100	1,028
MACKEREL:						
ATLANTIC.	9,600	408	-	-	81,800	3,224
SPANISH	-	-	900	159	-	-
MENHADEN.	-	-	5,957,600	119,294	97,000,000	1,602,263
MULLET, BLACK (LISA). . . .	800	65	-	-	6,100	715
PIGFISH	-	-	-	-	200	25
SCUP OR PORGY	26,900	3,873	-	-	1,910,900	209,188
SEA BASS, BLACK	139,600	45,400	-	-	628,800	114,903
SEA TROUT OR WEAKFISH:						
GRAY.	336,700	23,612	71,300	13,028	383,500	38,632
SPOTTED	-	-	-	-	6,700	1,569
SHAD.	100	5	952,400	123,741	13,100	1,287
SHARKS:						
GRAYFISH.	3,400	167	-	-	10,700	349
UNCLASSIFIED.	32,500	649	-	-	-	-
SPOT.	2,300	186	19,200	3,723	55,000	6,234
STRIPED BASS.	112,400	42,524	2,630,600	819,368	168,800	35,731
STURGEON, COMMON.	3,100	438	-	-	16,800	3,307
SUCKERS	-	-	900	19	-	-
SUNFISH	-	-	6,600	517	-	-
SWELLFISH	100	10	61,100	5,283	140,900	5,664
TAUTOG.	400	12	-	-	100	3
TILEFISH.	-	-	-	-	2,500	309
WHITE PERCH	-	-	1,507,700	240,144	3,200	451
WHITING	6,300	667	-	-	93,900	6,961
YELLOW PERCH.	-	-	87,000	9,693	-	-
UNCLASSIFIED:						
FOR FOOD.	4,300	421	500	33	24,500	2,485
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	100	4	520,600	9,791

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1971 - Continued

SPECIES	MARYLAND				VIRGINIA	
	OCEAN 1/		CHESAPEAKE BAY		OCEAN 1/	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE:						
HARD.	283,100	19,489	25,791,900	2,450,625	1,164,400	110,700
SOFT AND PEELER	38,400	15,349	1,491,700	716,000	49,900	23,481
LOBSTERS, AMERICAN.	28,100	28,029	-	-	233,900	200,261
CLAMS:						
HARD, PUBLIC.	320,900	184,223	11,300	7,866	909,500	680,685
SOFT.	-	-	5,986,300	2,993,064	-	-
SURF.	7,751,500	980,736	-	-	4,506,600	526,715
CONCHS.	60,600	9,671	-	-	1,400	178
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	4,767,200	2,850,485	16,000	9,140
FALL.	-	-	10,986,200	6,664,488	8,500	6,748
PRIVATE:						
SPRING.	77,600	145,500	723,500	421,637	405,400	282,265
FALL.	80,000	150,000	482,400	303,439	280,800	207,190
SCALLOPS, SEA	-	-	-	-	546,400	801,933
SQUID	11,000	1,841	-	-	409,900	37,797
TERRAPIN.	-	-	5,100	2,147	1,800	739
TURTLES, SNAPPER.	-	-	35,600	6,380	100	14
TOTAL	9,700,700	1,761,599	65,413,200	17,904,975	111,856,200	5,493,557

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	10,268,100	239,693	17,000	425	13,079,300	293,964
BLUEFISH.	535,800	54,068	92,100	9,060	660,000	67,542
BUTTERFISH.	204,500	29,762	472,700	72,754	205,200	29,829
CABIO	3,100	406	700	82	3,100	406
CARP.	37,500	1,342	400	15	240,800	7,426
CATFISH AND BULLHEADS . . .	1,372,400	200,633	800	114	1,787,400	243,426
COD	100	10	5,000	740	100	10
CRAPPIE	-	-	-	-	14,100	989
CROAKER	210,700	28,281	54,400	5,218	210,700	28,281
DRUM:						
BLACK	68,300	4,095	33,600	3,032	68,600	4,116
RED	600	21	100	5	600	21
EEL, COMMON	1,222,900	338,682	-	-	1,457,000	372,530
FLOUNDERS:						
BLACKBACK	34,100	5,243	27,200	4,106	35,600	5,366
FLUKE	136,600	32,935	1,871,100	571,365	139,900	33,751
UNCLASSIFIED.	14,400	4,695	7,200	881	14,400	4,695
GARFISH	600	18	-	-	600	18
GIZZARD SHAD.	51,300	1,376	200	8	66,100	1,673
HAKE:						
RED	100	9	27,100	1,433	100	9
WHITE	-	-	1,400	51	-	-
HARVESTFISH	77,100	13,874	100	14	77,100	13,874
HERRING, SEA.	2,450,200	37,027	1,000	19	2,450,200	37,027
HICKORY SHAD.	10,100	904	400	14	21,300	1,880
HOGCHOKER	-	-	-	-	2,200	44
KING WHITING OR "KINGFISH".	15,800	1,606	12,000	1,608	16,000	1,641
MACKEREL:						
ATLANTIC.	41,900	3,380	91,400	3,632	41,900	3,380
KING.	7,300	1,414	-	-	7,300	1,414
SPANISH	51,000	8,597	-	-	51,900	8,756
MENHADEN.	297,144,900	4,828,539	97,000,000	1,602,263	303,102,500	4,947,833
MULLET, BLACK (LISA). . . .	2,000	207	6,900	780	2,000	207
PIGFISH	9,900	542	200	25	9,900	542
SCUP OR PORGY	900	367	1,937,800	213,061	900	367
SEA BASS, BLACK	28,900	7,547	768,400	160,303	28,900	7,547
SEA TROUT OR WEAKFISH:						
GRAY.	1,948,900	231,214	720,200	62,244	2,020,200	244,242
SPOTTED	37,700	8,150	6,700	1,569	37,700	8,150
SHAD.	1,507,200	134,163	13,200	1,292	2,459,600	257,904
SHARKS:						
GRAYFISH.	13,800	406	14,100	516	13,800	406
UNCLASSIFIED.	-	-	32,500	649	-	-
SPOT.	448,600	51,900	57,300	6,420	467,800	55,623
STRIPED BASS.	1,052,500	252,429	281,200	78,255	3,683,100	1,071,797
STURGEON, COMMON.	-	-	19,900	3,745	-	-
SUCKERS	-	-	-	-	900	19
SUNFISH	-	-	-	-	6,600	517
SWELLFISH	380,500	12,905	141,000	5,674	441,600	18,188

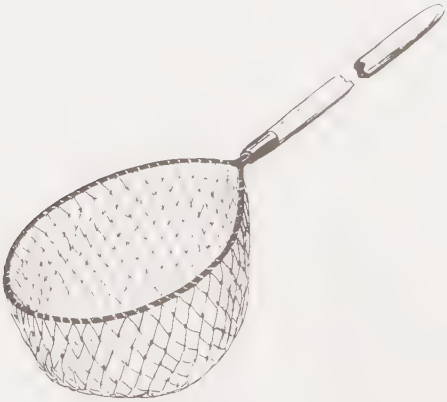
SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1971 - Continued

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
TAUTOG	-	-	500	15	-	-
TILEFISH	100	10	2,500	309	100	10
WHITE PERCH	457,400	62,816	3,200	451	1,965,100	302,960
WHITING	100	8	100,200	7,628	100	8
YELLOW PERCH	500	67	-	-	87,500	9,760
UNCLASSIFIED:						
FOR FOOD	41,100	3,922	28,800	2,906	41,600	3,955
FOR BAIT, REDUCTION, AND ANIMAL FOOD	3,945,800	86,114	520,600	9,791	3,945,900	86,118
CRABS, BLUE:						
HARD	46,643,200	3,590,283	1,447,500	130,189	72,435,100	6,040,908
SOFT AND PEELER	642,800	297,812	88,300	38,830	2,134,500	1,013,812
LOBSTERS, AMERICAN	-	-	262,000	228,290	-	-
CLAMS:						
HARD:						
PUBLIC	854,100	663,032	1,230,400	864,908	865,400	670,898
PRIVATE	72,900	54,120	-	-	72,900	54,120
SOFT	-	-	-	-	5,986,300	2,993,064
SURF	-	-	12,258,100	1,507,451	-	-
CONCHS	19,000	2,790	62,000	9,849	19,000	2,790
OYSTERS, MARKET:						
PUBLIC:						
SPRING	983,200	550,332	16,000	9,140	5,750,400	3,400,817
FALL	1,895,200	1,157,694	8,500	6,748	12,881,400	7,822,182
PRIVATE:						
SPRING	2,847,800	1,921,646	483,000	427,765	3,571,300	2,343,283
FALL	2,004,600	1,374,950	360,800	357,190	2,487,000	1,678,389
SCALLOPS, SEA	-	-	546,400	801,933	-	-
SQUID	-	-	420,900	39,638	-	-
TERRAPIN	-	-	1,800	739	5,100	2,147
TURTLES, SNAPPER	110,600	25,364	100	14	146,200	31,744
TOTAL	379,908,700	16,327,400	121,556,900	7,255,156	445,321,900	34,232,375

1/ INCLUDES BAYS AND CREEKS, EXCLUSIVE OF CHESAPEAKE BAY, WHICH DRAIN INTO THE ATLANTIC OCEAN.



Dip net

POTOMAC RIVER SHAD AND ALEWIFE FISHERY

Landings of shad in the Potomac River were 141,338 fish weighing 359,000 pounds worth $39,457 to the fishermen--a decline of 12 percent in both number and poundage, and 1 percent in value compared with 1970.

Alewife landings in the Potomac River were 12.9 million fish weighing 5.9 million pounds valued at $117,401--a decrease of 5 percent in both number and poundage, and 17 percent in value compared with the previous year.

In 1971, 261 commercial fishermen operated in the Potomac River shad and alewife fisheries--a decline of 14 fishermen compared with 1970.

Statistics on operating units and landings of these fisheries are included in operating unit and landings data for Maryland and Virginia.

SUMMARY OF OPERATING UNITS AND LANDINGS, 1971

ITEM	MARYLAND			VIRGINIA			TOTAL		
OPERATING UNITS	NUMBER								
FISHERMEN:									
ON VESSELS. .	5			84			89		
ON BOATS AND SHORE:									
REGULAR . .	46			59			105		
CASUAL. . .	36			31			67		
TOTAL . .	87			174			261		
VESSELS, MOTOR.	2			18			20		
GROSS TONNAGE	13			148			161		
BOATS:									
MOTOR	45			41			86		
OTHER	10			22			32		
GEAR:									
POUND NETS. .	1			52			53		
GILL NETS:									
ANCHOR, SET, OR STAKE. . .	112			84			196		
DRIFT . . .	3			5			8		
LANDINGS	NUMBER	POUNDS	DOLLARS	NUMBER	POUNDS	DOLLARS	NUMBER	POUNDS	DOLLARS
SHAD:									
POUND NETS. .	197	500	77	28,228	71,700	4,560	28,425	72,200	4,637
GILL NETS:									
ANCHOR, SET, OR STAKE. . .	71,023	180,400	27,629	38,780	98,500	6,277	109,803	278,900	33,906
DRIFT . . .	1,811	4,600	704	1,299	3,300	210	3,110	7,900	914
TOTAL . .	73,031	185,500	28,410	68,307	173,500	11,047	141,338	359,000	39,457
ALEWIVES:									
POUND NETS. .	38,500	17,500	294	12,817,200	5,826,000	116,843	12,855,700	5,843,500	117,137
GILL NETS:									
ANCHOR, SET, OR STAKE. . .	21,560	9,800	166	10,560	4,800	96	32,120	14,600	262
DRIFT . . .	-	-	-	220	100	2	220	100	2
TOTAL . .	60,060	27,300	460	12,827,980	5,830,900	116,941	12,888,040	5,858,200	117,401

NOTE:--EXCLUDES TRIBUTARIES OF THE POTOMAC RIVER.

SECTION 5 - SOUTH ATLANTIC FISHERIES

Commercial landings of fish and shellfish at ports of the South Atlantic States (North Carolina, South Carolina, Georgia, and the East Coast of Florida) including freshwater areas of Florida were 258.1 million pounds worth a record $41.7 million--a decline of 22.1 million pounds, but an increase of $11.9 million compared with 1970. Landings declined principally because of a smaller menhaden harvest. The gain in value resulted largely from sharp increases in the shrimp fishery.

North Carolina led all States with landings of 143.5 million pounds--17 percent less than in 1970 and the smallest since 1937. Compared with 1970, landings along Florida, East Coast (72.0 million pounds) declined 6 percent; but landings in South Carolina (24.2 million) increased 50 percent and in Georgia (18.4 million pounds), 28 percent. Total landings in all States except North Carolina had record values.

Fishermen and vessels. The South Atlantic fisheries had 9,264 fishermen using 1,324 vessels (5 net tons or more) and 5,036 other craft--an increase of 383 fishermen, 113 vessels, and 95 other craft compared with 1970.

Processed products. The value of processed seafood items was $98.3 million--a gain of $8.8 million compared with 1970. Florida, East Coast led in production with products valued at $38.3 million, followed by Georgia with $36.7 million; North Carolina, $12.5 million; and South Carolina, $10.8 million. Frozen, packaged items accounted for 65 percent of the total value of processed products. The four States had 5,496 persons employed in 443 wholesaling and processing plants.

Hard blue crabs. Landings of 39.6 million pounds worth $3.3 million declined 3.2 million pounds (7 percent), but increased $490,000 (18 percent) compared with 1970. Fishermen received an average price of 8.2 cents per pound--compared with 6.5 cents in 1970.

The smaller harvest resulted from a sharp decline in landings of hard blue crabs in North Carolina--from 20.9 million pounds in 1970 to 14.5 million in 1971. This decline was somewhat offset by moderate increases in the remaining States. Landings in South Carolina (7.5 million pounds) increased 8 percent; in Georgia (8.5 million), 19 percent; and in Florida, East Coast (9.1 million pounds), 17 percent.

Food finfish. Landings used principally for human consumption were about 40 percent of the total finfish production.

Compared with 1970, landings of several species increased. Catfish and bullhead landings of 19.4 million pounds increased 5.2 million (37 percent). The production was greater in all States, and a good market indicated increasing consumer interest. Alewife landings of 13.4 million pounds improved 16 percent--despite ecological deterioration of some spawning areas. Spot landings were 5.4 million pounds--up 63 percent. It was the best harvest since 1967. Flounder landings of 4.3 million pounds worth $1.2 million increased 27 percent in volume and 43 percent in value. The profitable flounder fishery has become a mainstay for North Carolina trawlers during the winter. Landings of other species such as croaker, king whiting, and gray sea trout also increased moderately.

Production of several major species declined compared with 1970. Striped bass landings of 1.5 million pounds declined 37 percent--principally because trawlers fishing off the northern coast of North Carolina did not make the spectacular catches of the previous year. Landings of sea bass (1.4 million pounds) declined 31 percent, chiefly because of smaller landings made by the North Carolina trawler fleet and the South Carolina potting fleet. The former preferred the flounder fishery and the latter, the shrimp fishery. Both flounder and shrimp fisheries were more profitable than the sea bass fishery. King mackerel landings were 2.9 million pounds--a marked decline compared with the record 4.4 million taken in 1970. Landings of spanish mackerel (2.7 million pounds) declined 26 percent and black mullet (3.5 million pounds), 13 percent. Black mullet landings were down sharply in both North and South Carolina, largely because of bad weather and a depressed market during the period of peak production. Landings of other species such as bluefish, shad, and spotted sea trout also declined.

Spiny lobsters. Landings were a near-record 3.4 million pounds worth a record $2.9 million--a gain of 12 percent in volume and 58 percent in value compared with 1970. All landings were made at Florida, East Coast ports and set both volume and value records for that State. Principal reasons for the increases were greater consumer interest in this shellfish delicacy and higher prices at all levels of buying.

Menhaden. Landings of 99.3 million pounds were 37.0 million less than in 1970, continuing the downward trend of recent years. The sharp decline in landings in North Carolina and Florida, East Coast, the major producing States, fulfilled predictions made earlier in the year by NMFS Division of Biological Research. North Carolina landings of 79.5 million pounds declined 27 percent and were the smallest since 1937. The North Carolina fall fishery for menhaden, during November and December, produced 13.6 million pounds. Average annual production for this fishery during the previous 10-year period was 106.6 million pounds. Florida, East Coast landings of 19.8 million pounds were 29 percent less than in 1970.

Oysters. Oyster landings yielded 1.8 million pounds of meats worth $1.0 million--an increase of 14 percent in volume and 6 percent in value compared with 1970. Despite the slight gain, landings were the fourth smallest on record. South Carolina, always the leading producer in the South Atlantic States, had landings of 1.1 million pounds--29 percent more than in 1970, and 60 percent of the total production. Compared with 1970, North Carolina landings of 424,000 pounds increased 11 percent, and were the best since 1967. Georgia landings (139,000 pounds) were 22 percent less than in 1970 and the smallest in the last decade. Landings along the East Coast of Florida (182,000 pounds) declined 14 percent compared with the previous year.

Calico scallops. Landings of calico scallops yielded 1.6 million pounds of meats worth $802,000--a decline of 14 percent in volume, but a gain of 10 percent in value compared with 1970. Fishermen received an average price of 51 cents per pound--compared with 40 cents in 1970.

North Carolina and Florida, East Coast were the only producing States. North Carolina was the leading producer, as usual, and accounted for 82 percent of the landings. The North Carolina fishery was productive only during the first 9 months of the year, with peak production in April. In North Carolina waters, fishermen could not locate calico scallops in sufficient quantities for commercial sale after September 1971. In Florida waters, however, fishermen made small landings throughout the year. Nineteen craft operated in the fishery--18 in North Carolina and 1 off Florida.

Shrimp. Landings of 31.2 million pounds (heads-on) worth a record $20.9 million increased 10.6 million pounds (51 percent) and $9.5 million (84 percent) compared with 1970. Shrimp landings had record values in all States. Fishermen received an average price of 67 cents per pound--compared with 55 cents in 1970.

The harvest was the best since 1960 and the second best since 1953. Landings increased in all States except Florida, East Coast. For the first time on record, South Carolina led in production with 10.8 million pounds--a gain of 5.8 million compared with 1970. A marked increase in white shrimp landings and a moderate increase in brown shrimp landings accounted largely for the gain. Georgia, usually the production leader, was second with landings of 8.9 million pounds--2.9 million more than in 1970. As in South Carolina, the runs of white shrimp increased sharply and were the principal reason for the greater production. North Carolina was third with a harvest of 7.6 million pounds--up 51 percent. Landings of pink shrimp in North Carolina more than doubled the 1970 production, and landings of brown shrimp and white shrimp increased sharply. The Florida, East Coast production decreased 14 percent compared with 1970--principally because white shrimp landings declined substantially. The fishery for royal red shrimp also declined, and there was no pink shrimp fishery. A sharp gain in Florida, East Coast landings of brown shrimp partially offset the declines in landings of other species.

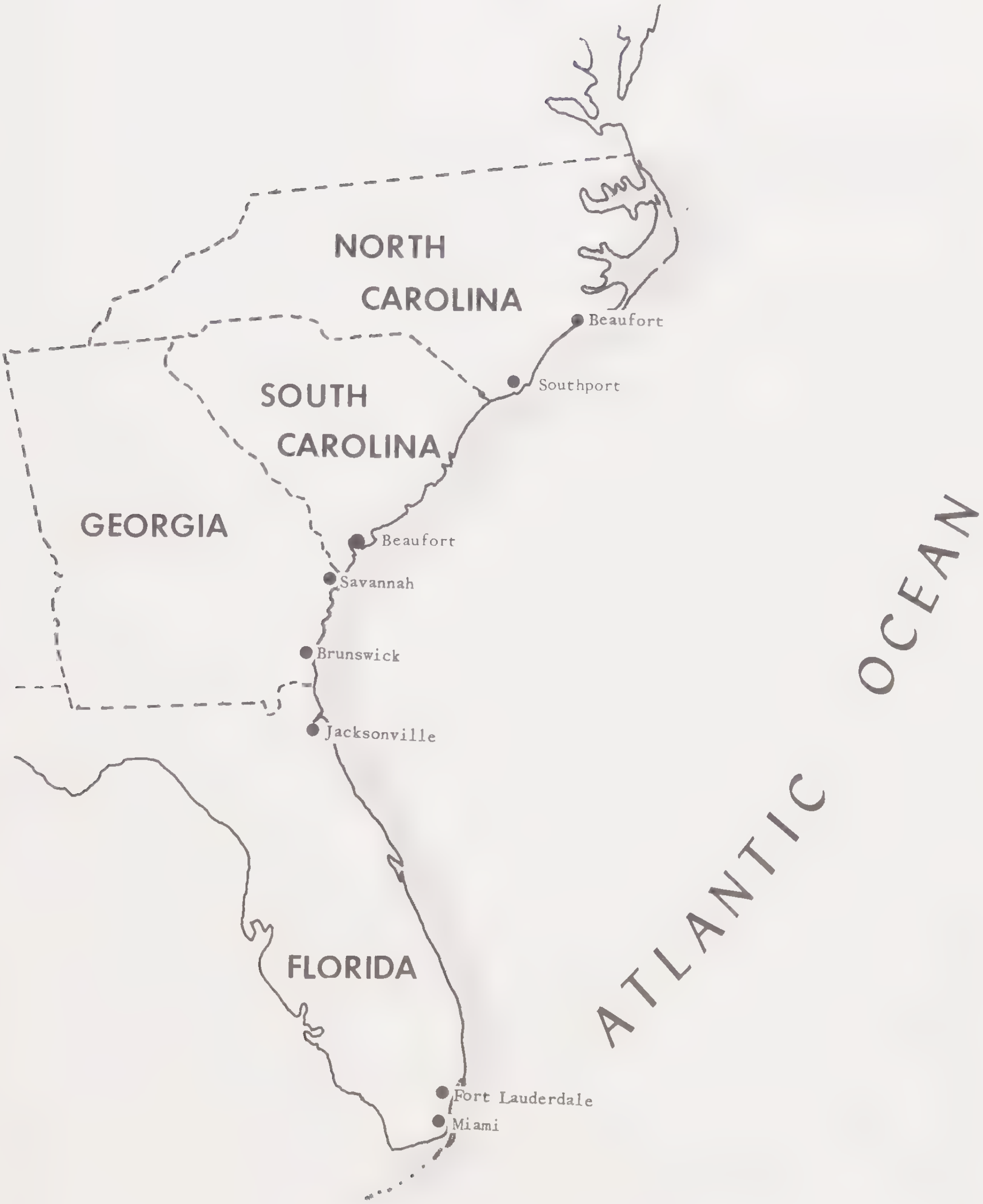
A comparison of the species composition of the 1970 and 1971 landings (heads-off) indicates that landings of white shrimp showed the greatest gain in 1971 with an increase of 4.2 million pounds; followed by brown shrimp, up 1.6 million pounds; and pink shrimp, up about 660,000 pounds. Landings of royal red shrimp improved slightly, also.

Significant changes occurred in the count size composition of landings. In 1971, the 26-40 (heads-off) count size category accounted for 42 percent of the landings; 41-and-over count, 41 percent; and 15-25 count, 17 percent. In 1970, the 26-40 count size category accounted for 55 percent; 41-and-over count, 23 percent; and 15-25 count, 22 percent.

Other information. Seasonal variation in landings of fish and shellfish in North Carolina, South Carolina, Georgia, and Florida can be ascertained from the monthly and annual landings bulletins published in the Current Fishery Statistics Series by the Statistics and Market News Division in cooperation with the respective States.

Acknowledgments. The following organizations helped collect the data appearing in this section: North Carolina Department of Conservation and Development, Division of Commercial and Sports Fisheries; South Carolina Wildlife Resources Department, Division of Commercial Fisheries; Georgia Game and Fish Commission, Coastal Fisheries Division; and Florida State Department of Natural Resources.

SOUTH ATLANTIC FISHERIES


NORTH CAROLINA
SOUTH CAROLINA
GEORGIA
FLORIDA
Beaufort
Southport
Beaufort
Savannah
Brunswick
Jacksonville
Fort Lauderdale
Miami
ATLANTIC OCEAN

SOUTH ATLANTIC STATES

SOUTH ATLANTIC FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1971

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
NORTH CAROLINA.	119	4	24	7	143	11
SOUTH CAROLINA.	5	1	19	8	24	8
GEORGIA	1	(1)	17	7	18	7
FLORIDA, EAST COAST	55	7	17	8	72	15
TOTAL	180	12	78	29	258	42

1/ LESS THAN $500,000.

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING. LANDINGS FOR THE INLAND LAKES OF FLORIDA ARE INCLUDED WITH THE LANDINGS FOR THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE.

SUMMARY OF OPERATING UNITS, 1971

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
			NUMBER		
FISHERMEN:					
ON VESSELS.	1,725	795	885	1,159	3,648
ON BOATS AND SHORE:					
REGULAR	1,075	240	211	1,288	2,814
CASUAL.	1,360	487	453	502	2,802
TOTAL	4,160	1,522	1,549	2,949	9,264
VESSELS, MOTOR.	521	386	423	439	1,324
GROSS TONNAGE	25,533	15,803	19,114	20,055	57,757
BOATS:					
MOTOR	2,251	494	526	1,594	4,865
OTHER	86	7	72	6	171
GEAR:					
HAUL SEINES:					
COMMON.	65	12	-	12	89
LONG.	33	-	-	-	33
PURSE SEINES:					
MENHADEN.	37	-	-	2	39
OTHER	1	-	-	4	5
BAG NETS.	80	-	-	-	80
OTTER TRAWLS:					
CRAB.	327	14	177	-	518
FISH.	128	7	2	-	136
SCALLOP	25	-	-	2	25
SHRIMP.	1,226	791	1,108	502	2,799
OTHER	8	-	-	-	8
POUND NETS, FISH.	688	-	-	-	688
FYKE AND HOOP NETS, FISH.	73	-	-	975	1,048
POTS AND TRAPS:					
CRAB:					
BLUE.	27,440	7,915	8,336	25,735	69,426
OTHER	-	-	-	1,550	1,550
EEL	752	-	-	120	872
FISH.	3,700	2,230	400	4,750	11,040
LOBSTER, SPINY.	-	-	-	78,825	78,825
GILL NETS:					
ANCHOR, SET, OR STAKE .	1,833	13	2	26	1,874
DRIFT:					
SHAD.	32	15	307	6	360
OTHER	15	-	-	-	15
RUNAROUND	49	-	-	286	335
TRAMMEL NETS.	-	-	-	30	30
LINES:					
HAND.	396	40	32	629	1,087
TROLL	14	2	2	397	415
LONG OR SET WITH HOOKS.	108	-	177	948	1,233
TROT WITH BAITS	108	8	-	-	116
DIP NETS:					
COMMON.	18	-	-	-	18
DROP.	5	53	-	-	58
CAST NETS	-	5	-	14	19
SPEARS.	62	3	-	-	65
DREDGES:					
CLAM.	21	-	-	-	21
OYSTER, COMMON.	149	-	-	2	151
SCALLOP, BAY.	100	-	-	-	100
OTHER	-	-	-	4	4
TONGS AND GRABS:					
OYSTER.	221	139	16	18	394
OTHER	40	6	-	-	46
RAKES:					
OYSTER.	102	-	-	-	102
OTHER	137	55	-	-	192
HOOKS, SPONGE	-	-	-	22	22
DIVING OUTFITS.	-	-	-	4	4

NOTE:--OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA ARE INCLUDED WITH THE DATA FOR THE EAST COAST OF FLORIDA.

LANDINGS BY STATES, 1971

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	12,722	203	718	12	-	-
BLUEFISH	578	59	13	2	-	-
BUTTERFISH	58	5	-	-	-	-
CABIO	11	1	-	-	-	-
CARP	45	1	-	-	1	(1)
CATFISH AND BULLHEADS	2,030	284	919	144	99	23
CROAKER	948	54	2	(1)	(1)	(1)
DRUM:						
BLACK	36	2	(1)	(1)	(1)	(1
RED	17	-	-	(1)	-	(1)
EEL, COMMON	167	27	56	6	7	1
FLOUNDERS	4,011	1,118	51	9	51	9
GROUPERS	14	2	10	2	43	8
GRUNTS	1	(1)	1	(1)	-	-
HARVESTFISH	48	7	-	-	-	-
HERRING, THREAD	6,282	108	-	-	-	-
HICKORY SHAD	63	3	-	-	2	(1)
KING WHITING OR "KINGFISH"	478	56	155	17	165	19
MACKEREL:						
KING	9	2	6	1	1	(1)
SPANISH	95	14	4	1	(1)	(1)
MENHADEN	79,488	1,116	12	(1)	-	-
MULLET, BLACK (LISA)	713	50	675	45	-	-
PIGFISH	256	20	-	-	-	-
POMPANO	3	1	1	(1)	-	-
SAND PERCH	6	(1)	-	-	-	-
SCUP OR PORGY	206	35	121	12	7	2
SEA BASS	748	164	514	132	43	16
SEA TROUT OR WEAKFISH:						
GRAY	3,645	226	-	-	-	-
SPOTTED	338	104	24	6	16	4
SHAD	680	117	99	40	420	133
SHARKS, UNCLASSIFIED	2	(1)	10	1	-	-
SHEEPSHEAD, SALTWATER	4	(1)	1	(1)	1	(1)
SNAPPERS:						
RED	-	-	8	5	54	40
VERMILION	-	-	10	3	-	-
UNCLASSIFIED	7	4	-	-	-	-
SPADEFISH	4	(1)	-	-	-	-
SPOT	1,190	173	1,286	83	6	1
STRIPED BASS	1,449	314	-	-	2	(1)
STURGEON, COMMON	78	13	77	15	4	1
SUCKERS	-	-	-	-	3	(1)
SWELLFISH	43	2	-	-	-	-
WHITE PERCH	367	45	-	-	-	-
WHITING	286	34	-	-	-	-
YELLOW PERCH	24	3	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	2,086	10	-	-	48	3
TOTAL FISH	119,236	4,379	4,774	536	974	260
SHELLFISH ET AL.						
CRABS, BLUE:						
HARD	14,476	1,128	7,508	616	8,435	680
SOFT AND PEELER	49	25	-	-	-	-
TOTAL CRABS	14,525	1,153	7,508	616	8,435	680
LOBSTERS, AMERICAN	(1)	(1)	-	-	-	-
SHRIMP	7,615	4,765	10,753	6,288	8,862	6,466
CLAMS:						
HARD, PUBLIC	253	148	18	9	-	-
RANGIA	47	15	-	-	-	-
TOTAL CLAMS	300	163	18	9	-	-
OCTOPUS	(1)	(1)	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	175	118	-	-	-	-
FALL	165	113	-	-	-	-
PRIVATE:						
SPRING	47	33	554	293	90	45
FALL	37	25	547	309	49	28
TOTAL OYSTERS	424	289	1,101	602	139	73

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

LANDINGS BY STATES, 1971 - Continued

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
SHELLFISH ET AL. - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SCALLOPS:						
BAY	60	42	-	-	-	-
CALICO.	1,285	432	-	-	-	-
TOTAL SCALLOPS. . . .	1,345	474	-	-	-	-
SQUID	10	1	-	-	-	-
TURTLES, SNAPPER.	20	3	-	-	-	-
TOTAL SHELLFISH ET AL.	24,239	6,848	19,380	7,615	17,436	7,219
GRAND TOTAL	143,475	11,227	24,154	8,151	18,410	7,479

SPECIES	FLORIDA, EAST COAST		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES.	-	-	13,440	215
AMBERJACK	22	2	22	2
ANGELFISH	6	(1)	6	(1)
BALLYHOO.	209	38	209	38
BLUEFISH.	1,625	197	2,216	258
BLUE RUNNER	53	4	53	4
BONITO.	6	1	6	1
BUTTERFISH.	-	-	58	5
CABIO	7	1	18	2
CARP.	-	-	46	1
CATFISH AND BULLHEADS . . .	16,348	3,289	19,396	3,740
CREVALLE.	63	4	63	4
CROAKER	90	20	1,040	74
DOLPHIN	22	4	22	4
DRUM:				
BLACK	133	13	169	15
RED	85	18	104	20
EEL, COMMON	38	6	268	40
FLOUNDERS	218	54	4,331	1,190
GOATFISH.	76	18	76	18
GROUPERS.	662	147	729	159
GRUNTS.	28	3	30	3
HARVESTFISH	-	-	48	7
HERRING, THREAD	181	2	6,463	110
HICKORY SHAD.	-	-	65	3
HOGFISH	1	(1)	1	(1)
JEWFISH	3	(1)	3	(1)
KING WHITING OR "KINGFISH".	1,304	176	2,102	268
MACKEREL:				
KING.	2,907	820	2,923	823
SPANISH	2,582	308	2,681	323
MENHADEN.	19,789	300	99,289	1,416
MOJARRA	106	9	106	9
MULLET:				
BLACK (LISA).	2,108	153	3,496	248
SILVER.	241	26	241	26
PERMIT.	4	1	4	1
PIGFISH	18	1	274	21
POMPANO	123	157	127	158
SAND PERCH.	-	-	6	(1)
SCUP OR PORGY	70	14	404	63
SEA BASS.	93	27	1,398	339
SEA CATFISH	19	1	19	1
SEA TROUT OR WEAKFISH:				
GRAY.	145	25	3,790	251
SPOTTED	495	166	873	280
SHAD.	253	50	1,452	340
SHARKS, UNCLASSIFIED. . . .	-	-	12	1
SHEEPSHEAD, SALTWATER . . .	218	26	224	26
SNAPPERS:				
LANE.	5	2	5	2
MANGROVE.	83	38	83	38
MUTTON.	181	114	181	114
RED	465	325	527	370
VERMILION	51	20	61	23
YELLOWTAIL.	144	78	144	78
UNCLASSIFIED.	-	-	7	4
SPADEFISH	-	-	4	(1)
SPANISH SARDINES.	6	(1)	6	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1971 - Continued

SPECIES	FLORIDA, EAST COAST		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SPOT	2,891	174	5,373	731
STRIPED BASS	-	-	1,451	314
STURGEON, COMMON	-	-	159	29
SUCKERS	-	-	3	(1)
SWELLFISH	-	-	43	2
TENPOUNDER	(1)	(1)	(1)	(1)
TILEFISH	9	1	[illegible]	1
TRIGGERFISH	5	(1)	[illegible]	(1)
TRIPLETAIL	3	(1)	[illegible]	(1)
WARSAW	56	15	[illegible]	[illegible]
WHITE PERCH	-	-	[illegible]	[illegible]
WHITING	-	-	[illegible]	4
YELLOW PERCH	-	-	[illegible]	3
UNCLASSIFIED:				
FOR FOOD	305	50	[illegible]	[illegible]
FOR BAIT, REDUCTION, AND ANIMAL FOOD	110	[illegible]	[illegible]	16
TOTAL FISH	54,695	7,181	[illegible]	[illegible]
SHELLFISH ET AL.				
CRABS:				
BLUE:				
HARD	9,132	[illegible]	[illegible]	[illegible]
SOFT AND PEELER	-	-	49	[illegible]
STONE	91	[illegible]	[illegible]	[illegible]
TOTAL CRABS	[illegible]	[illegible]	[illegible]	[illegible]
LOBSTERS:				
AMERICAN	-	-	(1)	(1)
SPINY	3,418	[illegible]	[illegible]	[illegible]
SHRIMP	3,970	[illegible]	[illegible]	[illegible]
CLAMS:				
HARD, PUBLIC	95	[illegible]	[illegible]	205
RANGIA	-	-	[illegible]	15
TOTAL CLAMS	95	[illegible]	[illegible]	[illegible]
CONCHS	(1)	(1)	(1)	(1)
OCTOPUS	-	-	(1)	(1)
OYSTERS, MARKET:				
PUBLIC:				
SPRING	[illegible]	[illegible]	[illegible]	121
FALL	[illegible]		[illegible]	[illegible]
PRIVATE:				
SPRING	117	[illegible]	[illegible]	[illegible]
FALL	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OYSTERS	[illegible]	[illegible]	[illegible]	[illegible]
SCALLOPS:				
BAY	-	-	[illegible]	[illegible]
CALICO	289	270	[illegible]	[illegible]
TOTAL SCALLOPS	289	270	[illegible]	[illegible]
SQUID	10	2	[illegible]	[illegible]
TURTLES:				
GREEN, SEA	[illegible]	1	[illegible]	1
LOGGERHEAD	10	3	[illegible]	[illegible]
SNAPPER	-	-	[illegible]	[illegible]
SOFT-SHELL	105	9	[illegible]	9
TOTAL TURTLES	120	13	140	16
SPONGES:				
GRASS	7	3	[illegible]	[illegible]
SHEEPSWOOL	[illegible]	[illegible]	[illegible]	[illegible]
YELLOW	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL SPONGES	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL SHELLFISH ET AL.	17,319	7,655	78,374	[illegible]
GRAND TOTAL	72,014	14,836	258,053	41,693

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

LANDINGS OF CERTAIN SHELLFISH, 1971

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:						
HARD, PUBLIC	28,949	147,593	2,080	8,625	-	-
RANGIA	5,778	14,780	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	34,373	118,364	-	-	-	-
FALL	34,122	113,074	-	-	-	-
PRIVATE:						
SPRING	9,009	32,587	201,490	292,779	23,893	44,878
FALL	7,461	24,759	223,469	309,451	19,560	27,992
SCALLOPS:						
BAY	10,000	42,412	-	-	-	-
CALICO	364,108	432,024	-	-	-	-

SPECIES	FLORIDA, EAST COAST		TOTAL	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:				
HARD, PUBLIC	11,912	47,629	42,941	203,847
RANGIA	-	-	5,778	14,780
CONCHS	7	17	7	17
OYSTERS, MARKET:				
PUBLIC:				
SPRING	1,788	3,040	36,161	121,404
FALL	1,280	1,920	35,402	114,994
PRIVATE:				
SPRING	27,647	46,995	262,039	417,239
FALL	13,893	20,840	264,383	383,042
SCALLOPS:				
BAY	-	-	10,000	42,412
CALICO	108,090	370,299	472,198	802,323

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN SHELLFISH, 1971

SPECIES	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL			
CLAMS:				
HARD, PUBLIC	8.75	8.75	-	8.00
RANGIA	8.10	-	-	-
CONCHS	-	-	-	14.00
OYSTERS, MARKET:				
PUBLIC:				
SPRING	5.09	-	-	4.25
FALL	4.83	-	-	3.75
PRIVATE:				
SPRING	5.20	2.75	3.75	4.25
FALL	4.93	3.45	2.50	3.75
SCALLOPS:				
BAY	6.00	-	-	-
CALICO	3.53	-	-	2.67

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1971

ITEM	UNIT	NORTH CAROLINA		SOUTH CAROLINA	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
ALEWIVES:					
FRESH AND FROZEN:					
FOR BAIT	POUNDS	(1)	(1)	700,000	28,000
FILLETS	DO	(1)	(1)	-	-
CANNED:					
FISH	STANDARD CASES	(1)	(1)	-	-
ROE	DO	(1)	(1)	-	-
SALTED	POUNDS	5,860,572	598,608	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
OIL	1000 LBS	(1)	(1)	-	-
BLUEFISH, FRESH AND FROZEN:					
DRESSED	POUNDS	(1)	(1)	-	-
FILLETS	DO	(1)	(1)	-	-
CATFISH, DRESSED, SKINS OFF, FROZEN	DO	(1)	(1)	580,538	235,6[illegible]5
EELS, DRESSED, SKINS OFF, FROZEN	DO	-	-	(1)	(1)
FLOUNDERS, FRESH AND FROZEN:					
DRESSED	DO	82,975	30,907	-	-
FILLETS:					
RAW	DO	(1)	(1)	(1)	(1)
BREADED RAW	DO	(1)	(1)	-	-
STEAKS, BREADED RAW	DO	(1)	(1)	-	-
SPECIALTIES (STUFFED, BREADED RAW)	DO	(1)	(1)	-	-
HERRING, THREAD:					
MEAL AND SCRAP	TONS	(1)	(1)	-	-
OIL	1000 LBS	(1)	(1)	-	-
MENHADEN:					
MEAL AND SCRAP	TONS	8,469	1,398,094	-	-
OIL	1000 LBS	3,221	246,845	-	-
SOLUBLES	TONS	4,784	215,297	-	-
MULLET:					
ROE, FRESH	POUNDS	(1)	(1)	-	-
SALTED:					
FISH	DO	(1)	(1)	-	-
ROE	DO	(1)	(1)	-	-
SEA TROUT:					
DRESSED FROZEN	DO	(1)	(1)	-	-
FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
SPANISH MACKEREL FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
SPOT:					
DRESSED, FROZEN	DO	(1)	(1)	-	-
SALTED	DO	(1)	(1)	-	-
STRIPED BASS FILLETS, FRESH	DO	(1)	(1)	-	-
CRABS, BLUE:					
FRESH AND FROZEN:					
COOKED MEAT	DO	2,482,218	4,844,500	590,536	1,465,179
SPECIALTIES (AU-GRATIN, CAKES, DEVILED, ETC.)	DO	115,006	129,351	-	-
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	(1)	(1)
SPECIALTIES (BISQUES AND DEVILED)	DO	-	-	(1)	(1)
MEAL AND SCRAP	TONS	1,699	85,771	-	-
SHRIMP, FRESH AND FROZEN:					
RAW HEADLESS	POUNDS	432,085	569,283	-	-
PEELED (INCLUDING DEVEINED), RAW	DO	(1)	(1)	(1)	(1)
BREADED, RAW AND COOKED	DO	(1)	(1)	-	-
SPECIALTIES (BURGERS, CREOLES, COCKTAILS, STUFFED, ETC.)	DO	(1)	(1)	-	-
CLAMS:					
FRESH AND FROZEN:					
HARD, SHUCKED	GALLONS	5,044	36,002	-	-
RANGIA:					
SHUCKED	DO	(1)	(1)	-	-
BLOCKS	POUNDS	(1)	(1)	-	-
SHELLS CLEANED AND POLISHED	-	-	(1)	-	-
OYSTERS:					
FRESH AND FROZEN:					
SHUCKED	GALLONS	58,758	498,046	31,760	262,242
BREADED RAW	POUNDS	(1)	(1)	-	-
CANNED:					
REGULAR	STANDARD CASES	-	-	(1)	(1)
SPECIALTIES (STEWS)	DO	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	NORTH CAROLINA		SOUTH CAROLINA	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
SCALLOPS, FRESH AND FROZEN:					
BAY SHUCKED	GALLONS	23,076	230,760	-	-
CALICO:					
SHUCKED	DO	166,503	1,408,925	-	-
BREADED, RAW AND COOKED	POUNDS	(1)	(1)	-	-
TURTLE MEAT, FROZEN	DO	(1)	(1)	-	-
SEAL SKINS, PROCESSED	-	-	-	-	6,370,532
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH	DO	3,608,656	960,017	2,012,903	2,413,065
CANNED	STANDARD CASES	33,659	890,861	(2)	(2)
CURED	POUNDS	(2)	(2)	-	-
INDUSTRIAL	-	-	385,719	-	-
TOTAL	-	-	12,528,986	-	10,774,693

ITEM	UNIT	GEORGIA		FLORIDA, EAST COAST	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
BUTTERFISH, SMOKED	POUNDS	-	-	(1)	(1)
CATFISH DRESSED, SKINS OFF, FROZEN	DO	(1)	(1)	3,251,567	1,988,349
CHUBS, SMOKED	DO	-	-	(1)	(1)
FLOUNDERS, FRESH AND FROZEN SPECIALTIES, (STUFFED, BREADED RAW)	DO	-	-	(1)	(1)
GROUPER FILLETS, FROZEN:					
RAW	DO	-	-	(1)	(1)
BREADED RAW	DO	-	-	(1)	(1)
HERRING:					
SEA:					
SALTED	DO	-	-	(1)	(1)
SMOKED	DO	-	-	(1)	(1)
THREAD:					
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1000 LBS	-	-	(1)	(1)
KING MACKEREL:					
STEAKS, FROZEN	POUNDS	-	-	(1)	(1)
CANNED (PASTE)	STANDARD CASES	-	-	(1)	(1)
SMOKED	POUNDS	-	-	(1)	(1)
MENHADEN:					
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1000 LBS	-	-	(1)	(1)
SOLUBLES	TONS	-	-	(1)	(1)
OCEAN PERCH FILLETS, BREADED COOKED FROZEN	POUNDS	(1)	(1)	-	-
POMPANO FILLETS, FROZEN	DO	-	-	(1)	(1)
SABLEFISH, SMOKED	DO	-	-	(1)	(1)
SALMON SMOKED	DO	-	-	(1)	(1)
SNAPPER FILLETS, FROZEN:					
RED	DO	-	-	(1)	(1)
UNCLASSIFIED	DO	-	-	(1)	(1)
SPANISH MACKEREL FILLETS:					
FRESH AND FROZEN	DO	-	-	(1)	(1)
SPECIALTIES (IN SAUCE)	DO	-	-	(1)	(1)
STURGEON SMOKED	DO	-	-	(1)	(1)
TUNA CANNED (PASTE)	STANDARD CASES	-	-	(1)	(1)
WHITEFISH SMOKED	POUNDS	-	-	(1)	(1)
CRABS:					
BLUE:					
FRESH AND FROZEN:					
COOKED MEAT	DO	1,005,092	1,756,549	1,159,467	2,377,602
SPECIALTIES (AU-GRATIN, CAKES, DEVILED, ETC.)	DO	337,549	384,355	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)	(1)	(1)
STONE, CLAWS, COOKED FROZEN	POUNDS	-	-	(1)	(1)
LOBSTERS, SPINY, FRESH AND FROZEN:					
COOKED:					
MEAT	DO	-	-	(1)	(1)
WHOLE	DO	-	-	2,019,208	2,743,762
TAILS, RAW	DO	(1)	(1)	1,436,148	4,778,321

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC FISHERIES

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	GEORGIA		FLORIDA, EAST COAST	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
SHRIMP, FRESH AND FROZEN:					
RAW HEADLESS.	POUNDS	2,826,729	3,283,355	(1)	(1)
PEELED (INCLUDING DEVEINED):					
RAW	DO	1,185,874	2,108,769	-	-
COOKED.	DO	(1)	(1)	-	-
BREADED, RAW AND COOKED . . .	DO	14,235,954	18,507,765	13,341,870	16,100,235
SPECIALTIES (BURGERS, CREOLES COCKTAILS, STUFFED, ETC.). .	DO	(1)	(1)	(1)	(1)
CLAMS, FRESH AND FROZEN HARD:					
SHUCKED	GALLONS	-	-	16,032	102,186
BREADED RAW	POUNDS	(1)	(1)	-	-
OYSTERS, FRESH AND FROZEN:					
SHUCKED	GALLONS	(1)	(1)	28,171	328,698
BREADED RAW	POUNDS	639,125	724,001	(1)	(1)
SCALLOPS, FRESH AND FROZEN:					
CALICO:					
SHUCKED	GALLONS	-	-	(1)	(1)
BREADED RAW AND COOKED. . .	POUNDS	(1)	(1)	-	-
SEA, BREADED RAW.	DO	-	-	(1)	(1)
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED FILLETS, STEAKS, STICKS, PORTIONS AND OTHER FISH AND SHELLFISH.	DO	14,747,184	9,883,243	6,050,476	9,886,242
CANNED.	STANDARD CASES	-	-	(2)	(2)
CURED	POUNDS	-	-	(2)	(2)
INDUSTRIAL.	-	-	(2)	-	(2)
TOTAL.	-	-	36,648,037	-	38,305,395

1/ INCLUDED WITH UNCLASSIFIED.
2/ INCLUDED WITH UNCLASSIFIED FRESH AND FROZEN PACKAGED, FISH AND SHELLFISH.

NOTE:--SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE LANDINGS WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STATE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1971

ITEM	THOUSAND DOLLARS
PACKAGED:	
FRESH	16,720
FROZEN	64,287
CANNED	3,062
CURED	3,127
INDUSTRIAL	11,061
TOTAL	98,257

VALUE OF PROCESSED PRODUCTS, BY STATES, 1971

STATE	THOUSAND DOLLARS
NORTH CAROLINA	12,529
SOUTH CAROLINA	10,775
GEORGIA	36,648
FLORIDA, EAST COAST	38,305
TOTAL	98,257

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971

STATE	PROCESSING			WHOLESALE			TOTAL		
	PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR		SEASON	YEAR		SEASON	YEAR
	NUMBER								
NORTH CAROLINA	75	1,903	1,111	99	407	289	174	2,310	1,400
SOUTH CAROLINA	23	711	590	52	308	174	75	1,019	764
GEORGIA	13	1,889	1,663	38	278	151	51	2,167	1,814
FLORIDA, EAST COAST	42	1,335	1,183	101	361	335	143	1,696	1,518
TOTAL	153	5,838	4,547	290	1,354	949	443	7,192	5,496

NOTE:--EMPLOYMENT IS REPORTED BY EACH PLANT FOR EACH MONTH FOR THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF THE MONTH. EMPLOYMENT FOR THE SEASON IS BASED ON THE GREATEST NUMBER OF EMPLOYEES WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH. EMPLOYMENT FOR THE YEAR IS OBTAINED BY ADDING THE NUMBER OF EMPLOYEES RECORDED AS WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH, FOR THE YEAR, AND DIVIDING BY 12.

SOUTH ATLANTIC FISHERIES
NORTH CAROLINA
OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES		PURSE SEINES		BAG NETS	OTTER TRAWLS
	COMMON	LONG	MENHADEN	OTHER		CRAB
	-NUMBER-					
FISHERMEN:						
ON VESSELS	-	25	623	-	-	277
ON BOATS AND SHORE:						
REGULAR	83	86	-	5	40	54
CASUAL	194	94	-	-	40	53
TOTAL	277	205	623	5	80	384
VESSELS, MOTOR	-	9	37	-	-	139
GROSS TONNAGE	-	74	10,371	-	-	3,165
BOATS:						
MOTOR	58	55	74	2	80	86
OTHER	6	3	-	-	-	-
GEAR	65	33	37	1	80	327

ITEM	OTTER TRAWLS - CONTINUED				POUND NETS, FISH	FYKE AND HOOP NETS, FISH
	FISH	SCALLOP	SHRIMP	OTHER		
	-NUMBER-					
FISHERMEN:						
ON VESSELS	297	61	903	-	-	-
ON BOATS AND SHORE:						
REGULAR	-	-	253	10	114	4
CASUAL	-	-	344	-	153	10
TOTAL	297	61	1,500	10	267	14
VESSELS, MOTOR	96	15	407	-	-	-
GROSS TONNAGE	5,065	1,264	12,701	-	-	-
BOATS, MOTOR	-	-	477	8	169	13
GEAR	128	25	1,226	8	688	73

ITEM	POTS AND TRAPS			GILL NETS		
	CRAB	EEL	FISH	ANCHOR, SET, OR STAKE	DRIFT	
					SHAD	OTHER
	-NUMBER-					
FISHERMEN:						
ON VESSELS	32	-	100	8	-	-
ON BOATS AND SHORE:						
REGULAR	164	21	34	155	2	2
CASUAL	156	7	47	289	30	13
TOTAL	352	28	181	452	32	15
VESSELS, MOTOR	18	-	49	2	-	-
GROSS TONNAGE	146	-	1,059	12	-	-
BOATS, MOTOR	318	20	81	434	32	15
GEAR	27,440	752	3,700	1,833	32	15

ITEM	GILL NETS-CONTINUED	LINES				DIP NETS	
	RUNAROUND	HAND	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS	COMMON	DROP
	-NUMBER-						
FISHERMEN:							
ON VESSELS	-	6	2	-	4	-	-
ON BOATS AND SHORE:							
REGULAR	35	-	3	14	54	5	-
CASUAL	64	17	10	18	47	15	5
TOTAL	99	23	15	32	105	20	5
VESSELS, MOTOR	-	1	1	-	4	-	-
GROSS TONNAGE	-	63	12	-	25	-	-
BOATS, MOTOR	49	11	9	32	104	18	-
GEAR	49	396	14	108	106	18	5

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - OPERATING UNITS BY GEAR, 1971 - Continued

ITEM	SPEARS	DREDGES			TONGS AND GRABS	
		CLAM	OYSTER, COMMON	SCALLOP, BAY	OYSTER	OTHER
	NUMBER					
FISHERMEN:						
ON VESSELS	-	16	48	-	-	-
ON BOATS AND SHORE:						
REGULAR	19	19	75	50	112	11
CASUAL	43	4	52	50	109	29
TOTAL	62	39	175	100	221	40
VESSELS, MOTOR	-	10	32	-	-	-
GROSS TONNAGE	-	116	253	-	-	-
BOATS, MOTOR	62	11	117	100	221	40
GEAR	62	21	149	100	221	40

ITEM	RAKES		BY HAND, OYSTER	TOTAL, EX- EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER		
	NUMBER			
FISHERMEN:				
ON VESSELS	-	-	-	1,725
ON BOATS AND SHORE:				
REGULAR	40	43	20	1,075
CASUAL	62	94	40	1,360
TOTAL	102	137	60	4,160
VESSELS, MOTOR	-	-	-	521
GROSS TONNAGE	-	-	-	25,533
BOATS:				
MOTOR	97	128	60	2,251
OTHER	5	5	-	86
GEAR	102	137	-	-

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES				PURSE SEINES	
	COMMON		LONG		MENHADEN	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	979,000	16,457	-	-	-	-
BLUEFISH	222,300	20,236	215,500	22,746	-	-
BUTTERFISH	1,400	116	500	41	-	-
CABIO	100	2	10,300	551	-	-
CARP	5,300	106	800	16	-	-
CATFISH AND BULLHEADS	800	104	3,200	477	-	-
CROAKER	-	-	204,300	15,324	-	-
DRUM:						
BLACK	3,000	147	4,000	215	-	-
RED	4,900	473	3,100	296	-	-
FLOUNDERS	-	-	2,100	695	-	-
HARVESTFISH	-	-	23,700	3,433	-	-
HERRING, THREAD	-	-	-	-	6,281,900	107,646
KING WHITING OR "KINGFISH"	48,200	7,172	31,600	4,197	-	-
MACKEREL, SPANISH	3,700	454	26,600	3,911	-	-
MENHADEN	-	-	-	-	79,488,200	1,116,093
MULLET, BLACK (LISA)	456,800	26,900	-	-	-	-
PIGFISH	2,300	171	189,500	15,078	-	-
POMPANO	200	75	2,200	752	-	-
SAND PERCH	600	18	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	47,000	4,089	168,400	18,241	-	-
SPOTTED	70,300	20,441	87,400	27,104	-	-
SHEEPSHEAD, SALTWATER	-	-	3,700	201	-	-
SPADEFISH	-	-	3,900	184	-	-
SPOT	202,500	32,537	808,400	115,033	-	-
STRIPED BASS	300,500	68,385	6,200	1,364	-	-
STURGEON, COMMON	4,200	665	300	58	-	-
SWELLFISH	-	-	2,200	84	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	613,000	3,065	-	-
TOTAL	2,353,100	198,548	2,410,900	233,066	85,770,100	1,223,739

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	PURSE SEINES - CONTINUED		BAG NETS		OTTER TRAWLS	
	OTHER				CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUTTERFISH	-	-	-	-	300	27
CATFISH AND BULLHEADS	3,900	512	-	-	-	-
CROAKER	-	-	-	-	1,100	85
FLOUNDERS	-	-	-	-	31,500	8,507
KING WHITING OR "KINGFISH"	-	-	-	-	2,100	217
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	900	73
SPOT	-	-	-	-	1,000	103
STRIPED BASS	59,000	11,797	-	-	-	-
WHITE PERCH	9,600	1,309	-	-	-	-
CRABS, BLUE:						
HARD	-	-	-	-	1,635,800	125,942
SOFT AND PEELER	-	-	-	-	22,900	12,863
SHRIMP	-	-	206,000	109,843	-	-
TOTAL	72,500	13,618	206,000	109,843	1,695,600	147,817

SPECIES	OTTER TRAWLS - CONTINUED							
	FISH		SCALLOP		SHRIMP		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	49,900	5,892	-	-	2,200	205	-	-
BUTTERFISH	49,300	4,120	-	-	3,900	271	-	-
CROAKER	636,200	29,820	-	-	29,700	1,641	-	-
DRUM:								
BLACK	6,100	205	-	-	200	15	-	-
RED	1,400	130	-	-	-	-	-	-
FLOUNDERS	3,572,600	987,580	-	-	151,100	41,501	-	-
HARVESTFISH	-	-	-	-	2,100	315	-	-
KING WHITING OR "KINGFISH"	256,500	27,038	-	-	51,200	5,751	-	-
MACKEREL, SPANISH	-	-	-	-	200	28	-	-
PIGFISH	600	43	-	-	6,800	513	-	-
SAND PERCH	4,500	180	-	-	-	-	-	-
SCUP OR PORGY	202,900	34,265	-	-	-	-	-	-
SEA BASS	254,400	53,587	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY	3,214,400	181,034	-	-	22,500	1,558	-	-
SPOTTED	4,300	1,257	-	-	-	-	-	-
SHARKS, UNCLASSIFIED	2,000	60	-	-	-	-	-	-
SNAPPER, UNCLASSIFIED	400	91	-	-	-	-	-	-
SPOT	400	44	-	-	62,700	6,580	-	-
STRIPED BASS	443,600	92,151	-	-	-	-	-	-
STURGEON, COMMON	29,700	4,775	-	-	-	-	-	-
SWELLFISH	22,000	862	-	-	1,300	39	-	-
WHITING	285,500	33,908	-	-	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	1,053,000	5,265	-	-	420,000	2,100	-	-
CRABS, BLUE:								
HARD	-	-	-	-	533,900	33,935	-	-
SOFT AND PEELER	-	-	-	-	14,800	6,851	-	-
LOBSTER, AMERICAN	300	270	-	-	-	-	-	-
SHRIMP	-	-	-	-	7,408,900	4,655,653	-	-
CLAMS, HARD	-	-	-	-	-	-	10,900	6,480
SCALLOPS, CALICO	-	-	1,285,300	432,024	-	-	-	-
SQUID	9,300	717	-	-	1,100	160	-	-
TOTAL	10,099,300	1,463,294	1,285,300	432,024	8,712,600	4,757,116	10,900	6,480

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
					CRAB		EEL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	11,657,400	184,285	-	-	-	-	-	-
BLUEFISH	2,500	307	-	-	-	-	-	-
BUTTERFISH	1,900	173	-	-	-	-	-	-
CABIO	200	8	-	-	-	-	-	-
CARP	12,100	205	6,900	136	-	-	-	-
CATFISH AND BULLHEADS	428,900	56,912	74,100	10,230	-	-	-	-
CROAKER	37,400	3,502	-	-	-	-	-	-
DRUM:								
BLACK	6,800	382	-	-	-	-	-	-
RED	3,700	415	-	-	-	-	-	-
EEL, COMMON	900	47	-	-	-	-	[illegible]	[illegible]
FLOUNDERS	178,300	55,666	-	-	-	-	-	-
HARVESTFISH	21,800	3,186	-	-	-	-	-	-
HICKORY SHAD	19,000	1,087	-	-	-	-	-	-
KING WHITING OR "KINGFISH"	800	102	-	-	-	-	-	-
MACKEREL, SPANISH	3,400	494	-	-	-	-	-	-

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	POUNDS NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
					CRAB		EEL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MULLET, BLACK (LISA)	17,600	1,593	-	-	-	-	-	-
PIGFISH	2,100	165	-	-	-	-	-	-
SAND PERCH	1,300	41	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY	45,600	4,959	-	-	-	-	-	-
SPOTTED	36,500	10,934	-	-	-	-	-	-
SHAD	316,300	53,060	-	-	-	-	-	-
SHEEPSHEAD, SALTWATER	100	6	-	-	-	-	-	-
SPOT	18,700	3,293	-	-	-	-	-	-
STRIPED BASS	92,100	19,680	6,400	1,300	-	-	-	-
STURGEON, COMMON	3,300	538	-	-	-	-	-	-
SWELLFISH	3,200	128	-	-	-	-	-	-
WHITE PERCH	238,200	26,482	1,500	205	-	-	-	-
YELLOW PERCH	6,300	770	-	-	-	-	-	-
CRABS, BLUE:								
HARD	-	-	-	-	10,893,000	859,182	-	-
SOFT AND PEELER	-	-	-	-	1,700	918	-	-
TOTAL	13,156,400	428,420	88,900	11,871	10,894,700	860,100	165,700	26,512

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS					
	FISH		ANCHOR, SET, OR STAKE		DRIFT			
					SHAD		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	38,700	961	-	-	39,300	1,269
BLUEFISH	-	-	78,300	8,952	-	-	-	-
BUTTERFISH	-	-	200	16	-	-	-	-
CARP	-	-	20,000	396	-	-	100	3
CATFISH AND BULLHEADS	894,100	127,067	418,000	59,271	700	125	3,400	565
CROAKER	-	-	39,500	3,233	-	-	-	-
DRUM:								
BLACK	-	-	15,300	916	-	-	100	4
RED	-	-	3,900	384	-	-	-	-
EEL, COMMON	600	69	-	-	-	-	-	-
FLOUNDERS	-	-	56,400	16,890	-	-	-	-
GRUNTS	1,200	72	-	-	-	-	-	-
HARVESTFISH	-	-	600	90	-	-	-	-
HICKORY SHAD	-	-	40,400	2,245	2,400	134	600	32
KING WHITING OR "KINGFISH"	-	-	87,800	11,308	-	-	-	-
MACKEREL:								
KING	-	-	300	85	-	-	-	-
SPANISH	-	-	61,300	9,145	-	-	-	-
MULLET, BLACK (LISA)	-	-	118,200	10,752	-	-	200	17
PIGFISH	-	-	52,500	3,687	-	-	-	-
POMPANO	-	-	100	35	-	-	-	-
SCUP OR PORGY	3,500	467	-	-	-	-	-	-
SEA BASS	493,100	110,400	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY	-	-	131,100	14,253	-	-	-	-
SPOTTED	-	-	55,700	17,938	-	-	-	-
SHAD	-	-	323,400	56,898	40,500	6,812	-	-
SHEEPSHEAD, SALTWATER	-	-	200	19	-	-	-	-
SPOT	-	-	94,500	15,391	-	-	-	-
STRIPED BASS	-	-	539,800	118,777	1,000	249	400	97
STURGEON, COMMON	-	-	40,700	7,281	100	25	-	-
SWELLFISH	2,900	127	11,700	531	-	-	-	-
WHITE PERCH	-	-	117,300	17,130	-	-	-	-
YELLOW PERCH	-	-	17,800	2,310	-	-	-	-
OCTOPUS	400	62	-	-	-	-	-	-
TOTAL	1,395,800	238,264	2,363,700	378,894	44,700	7,345	44,100	1,987

SPECIES	GILL NETS - CONTINUED		LINES					
	RUNAROUND		HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	7,300	734	-	-	-	-	-	-
CATFISH AND BULLHEADS	-	-	5,800	827	-	-	196,900	27,852
DRUM:								
BLACK	600	30	-	-	-	-	-	-
RED	200	20	-	-	-	-	-	-
GROUPERS	-	-	14,000	2,520	-	-	-	-

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	GILL NETS - CONTINUED		LINES					
	RUNAROUND		HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MACKEREL, KING	-	-	-	-	8,600	2,143	-	-
MULLET, BLACK (LISA)	120,200	10,787	-	-	-	-	-	-
PIGFISH	2,700	190	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY	14,800	2,269	-	-	-	-	-	-
SPOTTED	83,400	25,887	-	-	-	-	-	-
SNAPPER, UNCLASSIFIED	-	-	7,000	3,500	-	-	-	-
SPOT	1,900	284	-	-	-	-	-	-
TURTLES, SNAPPER	-	-	12,300	2,922	-	-	500	54
TOTAL	231,100	40,201	46,100	9,669	8,600	2,143	197,400	27,936

SPECIES	LINES - CONTINUED		DIP NETS				SPEARS	
	TROT WITH BAITS		COMMON		DROP			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS	-	-	-	-	-	-	18,900	7,584
CRABS, BLUE:								
HARD	1,412,800	108,770	-	-	-	-	-	-
SOFT AND PEELER	200	84	9,300	4,699	-	-	-	-
SCALLOPS, BAY	-	-	800	568	-	-	-	-
TOTAL	1,413,000	108,854	10,100	5,266	7,500	150	18,900	7,584

SPECIES	DREDGES						TONGS AND GRABS	
	CLAM		OYSTER, COMMON		SCALLOP, BAY		OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:								
HARD	143,700	80,816	-	-	-	-	-	-
RANGIA	46,800	14,780	-	-	-	-	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING	-	-	118,700	80,302	-	-	33,100	22,643
FALL	-	-	93,500	65,032	-	-	13,800	9,377
PRIVATE:								
SPRING	-	-	9,700	6,728	-	-	28,000	19,659
FALL	-	-	25,100	16,657	-	-	9,000	6,286
SCALLOPS, BAY	-	-	-	-	59,200	41,844	-	-
TOTAL	190,500	95,596	247,000	168,719	59,200	41,844	83,900	57,965

SPECIES	TONGS AND GRABS - CONTINUED		RAKES				BY HAND, OYSTER	
	OTHER		OYSTER		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD	24,600	15,258	-	-	74,100	45,039	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING	-	-	21,400	14,175	-	-	1,800	1,244
FALL	-	-	46,900	31,462	-	-	10,500	7,203
PRIVATE:								
SPRING	-	-	9,200	6,200	-	-	-	-
FALL	-	-	2,700	1,816	-	-	-	-
TOTAL	24,600	15,258	80,200	53,653	74,100	45,039	12,300	8,447

SOUTH ATLANTIC FISHERIES

SOUTH CAROLINA

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS			POTS AND TRAPS		GILL NETS	
		CRAB	FISH	SHRIMP	CRAB	FISH	ANCHOR, SET, OR STAKE	DRIFT, SHAD
	-NUMBER-							
FISHERMEN:								
ON VESSELS	-	14	11	766	2	65	-	-
ON BOATS AND SHORE:								
REGULAR	-	-	-	34	60	66	-	-
CASUAL	158	-	-	74	80	69	26	26
TOTAL	156	14	11	874	142	200	26	26
VESSEL, MOTOR	-	7	4	372	1	31	-	-
GROSS TONNAGE	-	223	281	15,133	9	1,276	-	-
BOATS:								
MOTOR	6	-	-	54	137	76	13	15
OTHER	7	-	-	-	-	-	-	-
GEAR	12	14	7	791	7,915	2,230	13	15

ITEM	LINES			DIP NETS, DROP	CAST NETS	SPEARS
	HAND	TROLL	TROT WITH BAITS			
	-NUMBER-					
FISHERMEN:						
ON VESSELS	9	-	-	-	-	-
ON BOATS AND SHORE:						
REGULAR	-	-	2	28	-	-
CASUAL	15	2	2	41	5	3
TOTAL	24	2	4	69	5	3
VESSELS, MOTOR	4	-	-	-	-	-
GROSS TONNAGE	112	-	-	-	-	-
BOATS, MOTOR	9	1	4	39	3	3
GEAR	40	2	8	53	5	3

ITEM	TONGS AND GRABS		RAKES	BY HAND, OYSTER	TOTAL EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER			
	NUMBER-				
FISHERMEN:					
ON VESSELS	- -	-	-	-	795
ON BOATS AND SHORE:					
REGULAR	73	-	-	65	240
CASUAL	66	6	55	58	487
TOTAL	139	6	55	123	1,522
VESSELS, MOTOR	-	-	-	-	386
GROSS TONNAGE	-	-	-	-	15,803
BOATS:					
MOTOR	139	3	55	123	494
OTHER	-	-	-	-	7
GEAR	139	6	55	-	-

SOUTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			CRAB		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	12,900	2,331	-	-	-	-
DRUM, RED	500	85	-	-	-	-
FLOUNDERS	-	-	700	125	-	-
MACKEREL:						
KING	5,100	898	-	-	-	-
SPANISH	2,200	273	-	-	-	-
MENHADEN	12,000	240	-	-	-	-
MULLET, BLACK (LISA)	673,100	44,673	-	-	-	-
SCUP OR PORGY	-	-	-	-	121,500	12,300
SEA TROUT OR WEAKFISH, SPOTTED	17,300	4,184	-	-	-	-
SPOT	1,164,900	70,989	-	-	-	-

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SOUTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			CRAB		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE, HARD	-	-	566,000	46,051	-	-
TOTAL	1,888,000	123,673	566,700	46,176	121,500	12,300

SPECIES	OTTER TRAWLS - CONTINUED		POTS AND TRAPS			
	SHRIMP		CRAB		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	100	15	-	-	-	-
CATFISH AND BULLHEADS . . .	-	-	-	-	919,400	144,283
CROAKER	1,100	103	-	-	-	-
DRUM, RED	700	130	-	-	-	-
EEL, COMMON	-	-	-	-	56,500	5,735
FLOUNDERS	48,200	8,257	-	-	-	-
GROUPERS.	700	118	-	-	6,400	1,091
GRUNTS.	-	-	-	-	1,300	125
KING WHITING OR "KINGFISH".	154,600	16,591	-	-	-	-
MACKEREL:						
KING.	1,000	150	-	-	-	-
SPANISH	1,800	230	-	-	-	-
POMPANO	700	169	-	-	-	-
SEA BASS, UNCLASSIFIED. . .	-	-	-	-	513,600	131,962
SEA TROUT OR WEAKFISH,						
SPOTTED.	6,800	1,978	-	-	-	-
SHARKS, UNCLASSIFIED. . . .	10,200	800	-	-	-	-
SHEEPSHEAD, SALTWATER . . .	1,300	124	-	-	-	-
SPOT.	119,300	11,828	-	-	-	-
STURGEON, COMMON.	900	170	-	-	-	-
CRABS, BLUE HARD.	67,500	4,827	6,712,400	552,410	-	-
SHRIMP, HEADS-ON.	10,752,700	6,388,225	-	-	-	-
TOTAL	11,167,600	6,433,715	6,712,400	552,410	1,497,200	283,196

SPECIES	GILL NETS				LINES	
	ANCHOR, SET, OR STAKE		DRIFT, SHAD		HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CROAKER	-	-	400	40	-	-
DRUM:						
BLACK	-	-	-	-	200	34
RED	-	-	-	-	100	20
FLOUNDERS	-	-	-	-	400	108
GROUPERS.	-	-	-	-	2,600	423
MULLET, BLACK (LISA). . . .	-	-	1,300	138	-	-
SEA TROUT OR WEAKFISH,						
SPOTTED.	-	-	100	13	-	-
SHAD.	49,800	20,276	49,500	19,658	-	-
SNAPPERS:						
RED	-	-	-	-	7,600	5,325
VERMILION	-	-	-	-	9,900	3,188
SPOT.	-	-	1,300	134	-	-
STURGEON, COMMON.	75,900	14,542	-	-	-	-
TOTAL	125,700	34,818	52,600	19,983	20,800	9,098

SPECIES	LINES - CONTINUED				DIP NETS, DROP	
	TROLL		TROT WITH BAITS			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	-	-	-	-	717,500	11,600
MACKEREL, KING.	300	60	-	-	-	-
CRABS, BLUE, HARD	-	-	162,100	13,020	-	-
TOTAL	300	60	162,100	13,020	717,500	11,600

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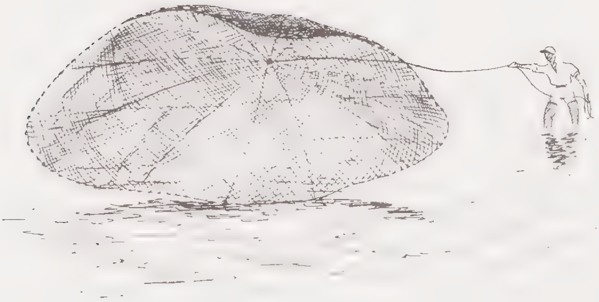
SOUTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	CAST NETS		SPEARS		TONGS AND GRABS	
					OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS	-	-	1,600	493	-	-
MULLET, BLACK (LISA). . . .	700	51	-	-	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING.	-	-	-	-	371,600	209,253
FALL.	-	-	-	-	428,000	248,140
TOTAL	700	51	1,600	493	799,600	457,393

SPECIES	TONGS AND GRABS - CONTINUED		RAKES		BY HAND, OYSTER	
	OTHER					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	800	407	17,400	8,218	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING.	-	-	-	-	182,500	83,526
FALL.	-	-	-	-	119,500	61,311
TOTAL	800	407	17,400	8,218	302,000	144,837



Cast net

SOUTH ATLANTIC FISHERIES

GEORGIA

OPERATING UNITS BY GEAR, 1971

ITEM	OTTER TRAWLS			POTS AND TRAPS		GILL NETS	
	CRAB	FISH	SHRIMP	CRAB	FISH	ANCHOR, SET, OR STAKE	DRIFT, SHAD
	-NUMBER-						
FISHERMEN:							
ON VESSELS.	137	2	865	-	10	-	-
ON BOATS AND SHORE:							
REGULAR	36	-	174	113	-	-	59
CASUAL.	43	-	258	80	40	4	173
TOTAL	216	2	1,297	193	50	4	232
VESSELS, MOTOR.	67	1	416	-	5	-	-
GROSS TONNAGE	2,813	37	18,840	-	187	-	-
BOATS:							
MOTOR	45	-	283	131	32	2	192
OTHER	-	-	-	-	-	-	46
GEAR.	177	2	1,108	8,336	400	2	307

ITEM	LINES			TONGS AND GRABS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND	TROLL	LONG OR SET WITH HOOKS			
	-NUMBER-					
FISHERMEN:						
ON VESSELS.	12	-	-	-	-	885
ON BOATS AND SHORE:						
REGULAR	-	-	2	16	32	211
CASUAL.	16	2	48	-	26	453
TOTAL	28	2	50	16	58	1,549
VESSELS, MOTOR.	4	-	-	-	-	423
GROSS TONNAGE	142	-	-	-	-	19,114
BOATS:						
MOTOR	12	1	46	16	46	526
OTHER	-	-	-	10	19	72
GEAR.	32	2	177	16	-	-

GEORGIA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	OTTER TRAWLS					
	CRAB		FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CROAKER	-	-	-	-	500	48
DRUM:						
BLACK	-	-	-	-	100	19
RED	-	-	-	-	800	164
FLOUNDERS	-	-	-	-	51,200	8,865
KING WHITING OR "KINGFISH".	-	-	-	-	165,300	18,669
MACKEREL:						
KING.	-	-	-	-	400	64
SPANISH	-	-	-	-	300	25
SCUP OR PORGY	-	-	4,900	1,071	1,400	334
SEA TROUT OR WEAKFISH, SPOTTED.	-	-	-	-	14,900	3,917
SHEEPSHEAD, SALTWATER . . .	-	-	-	-	700	65
SPOT.	-	-	-	-	5,800	570
STURGEON, COMMON.	-	-	-	-	800	156
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD. .	-	-	-	-	47,800	2,906
CRABS, BLUE, HARD	2,117,500	181,284	-	-	1,093,900	64,799
SHRIMP.	-	-	-	-	8,862,300	6,465,550
TOTAL.	2,117,500	181,284	4,900	1,071	10,246,200	6,566,151

(CONTINUED ON NEXT PAGE)

GEORGIA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	POTS AND TRAPS				GILL NETS	
	CRAB		FISH		ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	-	-	34,100	8,261	1,000	238
EEL, COMMON	-	-	6,600	689	-	-
GROUPERS	-	-	6,800	1,136	-	-
SEA BASS	-	-	42,800	15,987	-	-
SHAD	-	-	-	-	4,900	1,780
CRABS, BLUE, HARD	5,224,100	434,024	-	-	-	-
TOTAL	5,224,100	434,024	90,300	26,073	5,900	2,018

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT, SHAD		HAND		TROLL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP	1,000	73	-	-	-	-
CATFISH AND BULLHEADS	4,000	863	-	-	-	-
DRUM:						
BLACK	-	-	200	34	-	-
RED	-	-	400	87	-	-
GROUPERS	-	-	36,300	6,483	-	-
HICKORY SHAD	1,700	467	-	-	-	-
MACKEREL, KING	-	-	-	-	200	40
SCUP OR PORGY	-	-	500	138	-	-
SEA TROUT OR WEAKFISH, SPOTTED	-	-	700	213	-	-
SHAD	415,100	131,405	-	-	-	-
SNAPPER, RED	-	-	54,600	39,873	-	-
STRIPED BASS	1,600	405	-	-	-	-
STURGEON, COMMON	3,000	598	-	-	-	-
SUCKERS	800	78	-	-	-	-
TOTAL	427,200	133,889	92,700	46,828	200	40

SPECIES	LINES - CONTINUED		TONGS AND GRABS, OYSTER		BY HAND, OYSTER	
	LONG OR SET WITH HOOKS					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	59,800	14,104	-	-	-	-
SUCKERS	2,600	256	-	-	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	-	-	67,900	33,601	21,700	11,277
FALL	-	-	32,500	18,587	16,400	9,405
TOTAL	62,400	14,360	100,400	52,188	38,100	20,682

FLORIDA, EAST COAST

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS	
		MENHADEN	OTHER	SCALLOP	SHRIMP
	NUMBER				
FISHERMEN:					
ON VESSELS	-	30	4	3	548
ON BOATS AND SHORE:					
REGULAR	42	-	4	-	7
CASUAL	-	-	-	-	5
TOTAL	42	30	8	3	560
VESSELS, MOTOR	-	2	2	1	248
GROSS TONNAGE	-	348	20	137	14,200
BOATS:					
MOTOR	12	4	2	-	11
OTHER	5	-	-	-	-
GEAR	12	2	4	2	502

(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - OPERATING UNITS BY GEAR, 1971 - Continued

ITEM	FYKE AND HOOP NETS, FISH	POTS AND TRAPS				
		CRAB		EEL	FISH	LOBSTER, SPINY
		BLUE	OTHER			
	- - - -	- - - -	-NUMBER-	- - - -	- - - -	- - - -
FISHERMEN:						
ON VESSELS.	-	-	2	-	-	[illegible]
ON BOATS AND SHORE:						
REGULAR	29	153	7	4	[illegible]	[illegible]
CASUAL.	10	35	3	-	[illegible]	[illegible]
TOTAL	39	[illegible]	12	4	[illegible]	[illegible]
VESSELS, MOTOR.	-	-	1	-	-	[illegible]
GROSS TONNAGE	-	-	14	-	-	[illegible]
BOATS, MOTOR.	39	[illegible]	7	[illegible]	[illegible]	[illegible]
GEAR.	975	25,735	1,550	120	4,750	78,825

ITEM	GILL NETS			TRAMMEL NETS	LINES	
	ANCHOR, SET, OR STAKE	DRIFT, SHAD	RUNAROUND		HAND	TROLL
	- - - -	- - - -	-NUMBER-	- - - -	- - - -	- - - -
FISHERMEN:						
ON VESSELS.	-	-	46	-	146	24
ON BOATS AND SHORE:						
REGULAR	24	12	300	31	155	139
CASUAL.	-	-	56	2	282	113
TOTAL	24	12	402	33	583	276
VESSELS, MOTOR.	-	-	15	-	47	12
GROSS TONNAGE	-	-	183	-	2,076	135
BOATS, MOTOR.	12	6	271	30	366	203
GEAR.	26	6	286	30	629	397

ITEM	LINES - CONTINUED	CAST NETS	DREDGES		TONGS AND GRABS, OYSTER	HOOKS, SPONGE
	LONG OR SET WITH HOOKS		OYSTER, COMMON	OTHER		
	- - - -	- - - -	- - - -	-NUMBER-	- - - -	- - - -
FISHERMEN:						
ON VESSELS.	-	-	-	22	-	-
ON BOATS AND SHORE:						
REGULAR	469	-	2	-	9	7
CASUAL.	39	14	-	-	9	15
TOTAL	508	14	2	22	18	22
VESSELS, MOTOR.	-	-	-	2	-	-
GROSS TONNAGE	-	-	-	329	-	-
BOATS:						
MOTOR	508	9	1	-	18	21
OTHER	-	-	-	-	-	1
GEAR.	948	14	2	4	18	22

ITEM	DIVING OUTFITS	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
		OYSTER	OTHER	
	- - - -	- - - -	-NUMBER-	- - - -
FISHERMEN:				
ON VESSELS.	-	-	-	1,159
ON BOATS AND SHORE:				
REGULAR	4	24	33	1,288
CASUAL.	2	6	4	502
TOTAL	6	30	37	2,949
VESSELS, MOTOR.	-	-	-	439
GROSS TONNAGE	-	-	-	20,055
BOATS:				
MOTOR	2	30	37	1,594
OTHER	-	-	-	6
GEAR.	4	-	-	-

NOTE:--INCLUDES OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA.

FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			MENHADEN		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGELFISH	5,400	267	-	-	-	-
BALLYHOO	-	-	-	-	209,300	37,678
BLUEFISH	381,800	39,967	-	-	-	-
BLUE RUNNER	11,700	592	-	-	-	-
CREVALLE	21,000	995	-	-	-	-
CROAKER	44,100	9,766	-	-	-	-
DRUM:						
BLACK	12,000	1,088	-	-	-	-
RED	4,300	1,040	-	-	-	-
FLOUNDER	4,900	1,009	-	-	-	-
GOATFISH	5,200	1,238	-	-	-	-
HERRING, THREAD	-	-	162,800	1,860	18,000	540
KING WHITING OR "KINGFISH"	186,100	33,185	-	-	-	-
MACKEREL, SPANISH	25,000	2,990	-	-	-	-
MENHADEN	2,000	59	18,853,100	271,834	-	-
MOJARRA	2,000	163	-	-	-	-
MULLET:						
BLACK (LISA)	109,900	7,267	-	-	-	-
SILVER	12,000	730	-	-	-	-
PIGFISH	100	5	-	-	-	-
POMPANO	3,600	4,567	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	12,200	2,010	-	-	-	-
SPOTTED	5,500	1,900	-	-	-	-
SHAD	94,800	19,331	-	-	-	-
SHEEPSHEAD, SALTWATER	7,500	911	-	-	-	-
SPOT	135,100	18,116	-	-	-	-
TENPOUNDER	500	15	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	24,300	1,958	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	17,100	506	-	-	-	-
TOTAL	1,128,100	149,675	19,015,900	273,694	227,300	38,218

SPECIES	OTTER TRAWLS				FYKE AND HOOP NETS, FISH	
	SCALLOP		SHRIMP			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	-	-	-	-	579,500	113,697
CROAKER	-	-	2,500	549	-	-
FLOUNDERS	-	-	195,800	48,273	-	-
KING WHITING OR "KINGFISH"	-	-	928,400	113,519	-	-
MACKEREL, SPANISH	-	-	5,500	703	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	31,400	5,723	-	-
SPOT	-	-	81,100	8,597	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	9,600	1,139	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	11,800	334	-	-
CRABS, BLUE, HARD	-	-	50,500	4,640	-	-
LOBSTER, SPINY	-	-	200	99	-	-
SHRIMP	-	-	3,970,100	3,300,414	-	-
SCALLOPS, CALICO	86,400	110,868	-	-	-	-
SQUID	-	-	9,900	1,863	-	-
TURTLES, LOGGERHEAD	-	-	9,400	2,373	-	-
TOTAL	86,400	110,868	5,306,200	3,488,226	579,500	113,697

SPECIES	POTS AND TRAPS					
	CRAB				EEL	
	BLUE		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EEL, COMMON	-	-	-	-	38,400	5,656
CRABS:						
BLUE, HARD	9,081,700	832,948	-	-	-	-
STONE	1,900	589	89,500	47,182	-	-
TOTAL	9,083,600	833,537	89,500	47,182	38,400	5,656

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	[illegible]		LOBSTER, SPINY		ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	5,387,700	1,083,478	-	-	-	-
SHAD	-	-	-	-	86,900	18,049
SPOT	-	-	-	-	5,000	530
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	100	6
LOBSTER, SPINY	-	-	3,408,200	2,924,067	-	-
TOTAL	5,387,700	1,083,478	3,408,200	2,924,067	92,000	18,585

SPECIES	GILL NETS - CONTINUED				TRAMMEL NETS	
	DRIFT, SHAD		RUNAROUND			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGELFISH	-	-	600	43	-	-
BLUEFISH	-	-	1,160,400	146,415	-	-
BLUE RUNNER	-	-	23,600	1,509	1,200	82
CREVALLE	-	-	21,500	1,248	-	-
CROAKER	-	-	36,100	7,793	5,000	1,110
DRUM:						
BLACK	-	-	90,300	9,199	5,100	426
RED	-	-	67,600	14,178	2,200	406
FLOUNDERS	-	-	15,500	3,919	-	-
GOATFISH	-	-	63,500	14,743	5,000	1,202
KING WHITING OR "KINGFISH"	-	-	174,200	27,110	2,300	416
MACKEREL:						
KING	-	-	1,629,900	445,613	-	-
SPANISH	-	-	2,416,400	288,884	-	-
MENHADEN	-	-	934,000	28,198	-	-
MOJARRA	-	-	95,000	8,354	8,000	654
MULLET:						
BLACK (LISA)	-	-	1,967,200	143,839	27,800	2,186
SILVER	-	-	229,400	24,868	-	-
PIGFISH	-	-	16,200	931	100	5
POMPANO	-	-	45,700	60,622	69,700	86,340
SEA CATFISH	-	-	12,700	539	6,000	241
SEA TROUT OR WEAKFISH:						
GRAY	-	-	72,500	12,210	1,700	268
SPOTTED	-	-	425,100	143,137	5,500	1,805
SHAD	70,800	12,355	-	-	-	-
SHEEPSHEAD, SALTWATER	-	-	174,600	21,061	10,600	1,331
SNAPPERS, MANGROVE	-	-	3,500	1,702	-	-
SPOT	5,000	530	2,548,200	427,442	73,000	12,375
UNCLASSIFIED:						
FOR FOOD	-	-	238,700	22,019	6,300	343
FOR BAIT, REDUCTION, AND ANIMAL FOOD	100	6	71,200	2,193	10,000	307
TURTLES:						
GREEN	-	-	5,200	1,290	-	-
LOGGERHEAD	-	-	400	96	-	-
TOTAL	75,900	12,891	12,539,200	1,859,155	239,500	109,497

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	21,900	1,772	-	-	-	-
BLUEFISH	44,100	5,275	38,800	5,046	-	-
BLUE RUNNER	14,300	1,833	2,500	251	-	-
BONITO	-	-	6,300	564	-	-
CABIO	6,900	1,073	-	-	-	-
CATFISH AND BULLHEADS	-	-	-	-	10,380,700	2,092,005
CREVALLE	20,000	1,335	-	-	-	-
CROAKER	2,100	360	-	-	-	-
DOLPHIN	600	53	21,700	3,689	-	-
DRUM:						
BLACK	25,300	2,545	-	-	-	-
RED	11,000	2,190	-	-	100	24
FLOUNDERS	1,500	333	-	-	-	-
GOATFISH	2,000	418	-	-	-	-
GROUPER	662,200	147,429	-	-	-	-
GRUNT	27,900	3,088	-	-	-	-
HOGFISH	1,000	370	-	-	-	-
JEWFISH	3,300	385	-	-	-	-
KING WHITING OR "KINGFISH"	13,100	1,575	-	-	-	-
MACKEREL:						
KING	52,200	14,185	1,224,500	360,370	-	-
SPANISH	32,300	3,754	102,600	12,070	-	-

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MOJARRA	500	76	-	-	-	-
PERMIT.	3,900	622	-	-	-	-
PIGFISH	1,200	69	-	-	-	-
POMPANO	4,100	5,449	-	-	-	-
SCUP OR PORGY	69,900	13,761	-	-	-	-
SEA BASS.	93,000	26,738	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY.	18,300	3,058	8,600	1,474	-	-
SPOTTED	39,000	12,819	19,800	6,463	-	-
SHEEPSHEAD, SALTWATER . . .	24,800	2,894	-	-	-	-
SNAPPERS:						
LANE.	4,900	2,160	-	-	-	-
MANGROVE.	79,900	36,391	-	-	-	-
MUTTON.	180,700	114,452	-	-	-	-
RED	465,400	324,571	-	-	-	-
VERMILION	51,100	19,629	-	-	-	-
YELLOWTAIL.	144,400	78,076	-	-	-	-
SPOT.	43,200	6,813	-	-	-	-
TILEFISH.	8,600	973	-	-	-	-
TRIGGERFISH	5,300	436	-	-	-	-
TRIPLETAIL.	3,000	212	-	-	-	-
WARSAW.	86,000	15,146	-	-	-	-
UNCLASSIFIED:						
FOR FOOD.	26,500	4,079	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	100	6	-	-	-	-
TURTLES, SOFT-SHELL	-	-	-	-	105,100	9,462
TOTAL	2,295,500	856,403	1,424,800	389,927	10,485,900	2,101,491

SPECIES	CAST NETS		DREDGES				TONGS AND GRABS, OYSTER	
			OYSTER, COMMON		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MULLET, BLACK (LISA). . . .	3,100	207	-	-	-	-	-	-
SHEEPSHEAD, SALTWATER . . .	100	11	-	-	-	-	-	-
SPANISH SARDINE	6,100	184	-	-	-	-	-	-
SPOT.	500	75	-	-	-	-	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING.	-	-	-	-	-	-	4,000	1,600
FALL.	-	-	-	-	-	-	2,000	800
PRIVATE:								
SPRING.	-	-	7,100	2,840	-	-	59,600	23,836
FALL.	-	-	3,000	1,200	-	-	26,200	10,480
SCALLOPS, CALICO.	-	-	-	-	202,200	259,431	-	-
TOTAL	9,800	477	10,100	4,040	202,200	259,431	91,800	36,716

SPECIES	HOOKS, SPONGE		DIVING OUTFITS		BY HAND			
					OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
LOBSTER, SPINY.	-	-	9,500	8,102	-	-	-	-
CLAMS, HARD, PUBLIC	-	-	-	-	700	361	94,600	47,268
CONCHS.	-	-	100	17	-	-	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING.	-	-	-	-	3,600	1,440	-	-
FALL.	-	-	-	-	2,800	1,120	-	-
PRIVATE:								
SPRING.	-	-	-	-	50,800	20,319	-	-
FALL.	-	-	-	-	22,900	9,160	-	-
SPONGES:								
GRASS	6,600	9,242	-	-	-	-	-	-
SHEEPSWOOL.	3,400	19,471	-	-	-	-	-	-
YELLOW.	1,700	2,433	-	-	-	-	-	-
TOTAL	11,700	31,146	9,600	8,119	80,800	32,400	94,600	47,268

NOTE:--INCLUDES LANDINGS FOR THE INLAND LAKES OF FLORIDA.

SOUTH ATLANTIC FISHERIES

SUPPLEMENTARY TABLES
FLORIDA - OPERATING UNITS BY DISTRICTS, 1971

ITEM	EAST COAST	WEST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		
FISHERMEN:			
ON VESSELS	1,159	3,546	4,282
ON BOATS AND SHORE:			
REGULAR	1,288	1,998	3,286
CASUAL	502	1,254	1,756
TOTAL	2,949	6,798	9,324
VESSELS, MOTOR	439	1,189	1,456
GROSS TONNAGE	20,055	59,881	68,989
BOATS:			
MOTOR	1,594	2,517	4,111
OTHER	6	10	16
GEAR:			
HAUL SEINES, COMMON	12	68	80
PURSE SEINES:			
MENHADEN	2	-	2
OTHER	4	2	6
LAMPARA NETS	-	6	6
OTTER TRAWLS:			
SCALLOP	2	-	2
SHRIMP	502	1,524	1,782
FYKE AND HOOP NETS, FISH	975	-	975
POTS AND TRAPS:			
CRAB:			
BLUE	25,735	35,995	61,730
OTHER	1,550	73,685	73,510
EEL	120	105	225
FISH	4,750	100	4,840
LOBSTER, SPINY	78,825	147,037	207,812
GILL NETS:			
ANCHOR, SET, OR STAKE	26	7	33
DRIFT:			
SHAD	6	-	6
OTHER	-	6	6
RUNAROUND	286	893	1,173
TRAMMEL NETS	30	301	331
LINES:			
HAND	629	2,293	2,882
TROLL	397	701	1,092
LONG OR SET WITH HOOKS	948	27	857
DIP NETS:			
COMMON	-	6	6
DROP	-	2	2
CAST NETS	14	25	39
SPEARS	-	62	62
DREDGES:			
OYSTER, COMMON	2	-	2
SCALLOP, BAY	-	92	92
OTHER	4	2	6
TONGS AND GRABS:			
OYSTER	18	637	655
OTHER	-	1	1
HOOKS, SPONGE	22	30	52
DIVING OUTFITS:			
SPONGE	-	7	7
OTHER	4	-	4

NOTE:--A TOTAL OF 460 FISHERMEN USING 460 MOTOR BOATS FISHED 3,250 FISH POTS AND TRAPS AND 825 LONG OR SET LINES IN THE INLAND LAKES OF FLORIDA. THESE OPERATING UNITS ARE INCLUDED WITH THOSE OF THE EAST COAST OF FLORIDA.

FLORIDA - LANDINGS BY DISTRICTS, 1971

SPECIES	EAST COAST		WEST COAST		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	-	-	420	16	420	16
AMBERJACK	22	2	45	4	67	6
ANGELFISH	6	(1)	4	(1)	10	(1)
BALLYHOO	209	38	84	19	293	57
BARRACUDA	-	-	2	(1)	2	(1)
BLUEFISH	1,625	197	510	49	2,135	246
BLUE RUNNER	53	4	2,226	90	2,279	94
BONITO	6	1	127	5	133	6
CABIO	7	1	77	6	84	7
CATFISH AND BULLHEADS	16,348	3,289	8	2	16,356	3,291
CIGARFISH	-	-	527	70	527	70
CREVALLE	63	4	676	21	739	25
CROAKER	90	20	1,004	137	1,094	157
DOLPHIN	22	4	38	6	60	10
DRUM:						
BLACK	133	13	73	5	206	18
RED	85	18	708	122	793	140
EEL, COMMON	38	6	5	1	43	7
FLOUNDERS	218	54	296	77	514	131
GOATFISH	76	18	-	-	76	18
GROUPERS	662	147	6,356	1,273	7,018	1,420
GRUNTS	28	3	357	51	385	54
HERRING, THREAD	181	2	918	32	1,099	34
HOGFISH	1	(1)	22	5	23	5
JEWFISH	3	(1)	149	13	152	13
KING WHITING OR "KINGFISH"	1,304	176	210	12	1,514	188
MACKEREL:						
KING	2,907	820	2,738	472	5,645	1,292
SPANISH	2,582	308	7,383	830	9,965	1,138
MENHADEN	19,789	300	807	30	20,596	330
MOJARRA	106	9	152	16	258	25
MULLET:						
BLACK (LISA)	2,108	153	23,818	2,073	25,926	2,226
SILVER	241	26	625	54	866	80
PERMIT	4	1	21	3	25	4
PIGFISH	18	1	14	1	32	2
POMPANO	123	157	832	1,053	955	1,210
SCUP OR PORGY	70	14	89	13	159	27
SEA BASS	93	27	106	11	199	38
SEA CATFISH	19	1	38	3	57	4
SEA TROUT OR WEAKFISH:						
GRAY	145	25	-	-	145	25
SPOTTED	495	166	1,961	616	2,456	782
WHITE	-	-	278	22	278	22
SHAD	253	50	-	-	253	50
SHARKS, UNCLASSIFIED	-	-	16	1	16	1
SHEEPSHEAD, SALTWATER	218	26	249	25	467	51
SNAPPERS:						
LANE	5	2	16	4	21	6
MANGROVE	83	38	469	131	552	169
MUTTON	181	114	274	101	455	215
RED	465	325	3,878	2,232	4,343	2,557
VERMILION	51	20	126	53	177	73
YELLOWTAIL	144	78	949	408	1,093	486
SPANISH SARDINES	6	(1)	118	8	124	8
SPOT	2,891	474	432	42	3,323	516
STURGEON, COMMON	-	-	25	4	25	4
SWORDFISH	-	-	1	(1)	1	(1)
TENPOUNDER	(1)	(1)	1,004	37	1,004	37
TILEFISH	9	1	14	2	23	3
TRIGGERFISH	5	(1)	40	4	45	4
TRIPLETAIL	3	(1)	(1)	(1)	3	(1)
WARSAW	86	15	166	21	252	36
UNCLASSIFIED:						
FOR FOOD	305	30	1,167	114	1,472	144
FOR BAIT, REDUCTION, AND ANIMAL FOOD	110	3	556	19	666	22
TOTAL FISH	54,695	7,181	63,204	10,419	117,899	17,600
SHELLFISH ET AL.						
CRABS:						
BLUE, HARD	9,132	838	12,279	952	21,411	1,790
STONE	91	48	1,650	827	1,741	875
TOTAL CRABS	9,223	886	13,929	1,779	23,152	2,665

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

FLORIDA - LANDINGS BY DISTRICTS, 1971 - Continued

SPECIES	EAST COAST		WEST COAST		TOTAL	
SHELLFISH ET AL. - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
LOBSTERS, SPINY	3,418	2,932	4,788	4,124	8,206	7,056
SHRIMP, SALTWATER	3,970	3,300	21,688	12,985	25,658	16,285
CLAMS:						
HARD, PUBLIC	95	48	4		99	50
SUNRAY VENUS	-	-	99	10	99	10
CONCHS	(1)	(1)	-	-	(1)	(1)
OYSTERS, MARKET:						
PUBLIC:						
SPRING	8	3	2,044	911	2,052	914
FALL	5	2	1,283	568	1,288	570
PRIVATE:						
SPRING	117	47	142	62	259	109
FALL	52	21	60	7	112	48
TOTAL OYSTERS	182	73	3,529	1,568	3,711	1,641
SCALLOPS:						
BAY	-	-	48	39	48	39
CALICO	289	370	-	-	289	370
SQUID	10	2	29	5	39	7
TURTLES:						
GREEN	5	1	120	30	125	31
LOGGERHEAD	10	3	16	2	26	5
SOFT-SHELL	105	9	-	-	105	9
SPONGES:						
GRASS	7	9	1	1	8	10
SHEEPSWOOL	3	20	26	215	29	235
YELLOW	2	2	5	7	7	9
TOTAL SHELLFISH ET AL.	17,319	7,655	44,282	20,767	61,601	28,422
GRAND TOTAL	72,014	14,836	107,486	31,186	179,500	46,022

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--THE LANDINGS OF 14,065,426 POUNDS OF CATFISH AND BULLHEADS (VALUED AT $2,841,215) AND 105,130 POUNDS OF SOFT-SHELL TURTLES (VALUED AT $9,462) TAKEN FROM THE INLAND LAKES ARE INCLUDED WITH THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE, WHILE THE "WEST COAST OF FLORIDA" INCLUDES THOSE FROM MONROE TO ESCAMBIA, INCLUSIVE.

SPINY LOBSTER

SOUTH ATLANTIC FISHERIES

SOUTH ATLANTIC SHRIMP FISHERY
SUMMARY OF SHRIMP LANDINGS, 1971

SIZE	BROWN		PINK		WHITE		ROYAL RED		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
15 - 20	145,634	232,773	-	-	168,456	295,536	3,737	4,660	317,827	532,969
21 - 25	1,081,833	1,557,019	-	-	1,910,951	3,135,280	32,665	37,712	3,025,449	4,730,011
26 - 30	843,425	1,059,609	31,837	36,612	2,004,238	2,713,584	-	-	2,879,500	3,809,805
31 - 40	1,997,194	2,062,828	190,323	190,979	3,175,224	3,383,470	12,664	11,116	5,375,405	5,648,393
41 - 50	1,218,920	1,010,392	324,433	277,943	2,333,347	2,078,490	36,796	27,219	3,913,496	3,394,044
51 - 67	643,512	432,602	516,064	360,718	2,107,840	1,513,595	1,423	442	3,268,839	2,307,357
68 AND OVER	134,363	59,705	134,003	74,757	648,292	260,733	-	-	916,658	395,195
TOTAL	6,064,881	6,414,928	1,196,660	941,009	12,348,348	13,380,688	87,285	81,149	19,697,174	20,817,774

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS AND ARE NOT DIRECTLY COMPARABLE WITH THE VOLUME DATA PUBLISHED IN THE GENERAL REVIEW AND REGIONAL TABLES WHICH REPRESENT THE ROUND WEIGHT OF THE CATCH. THE POUNDS OF HEADS-OFF SHRIMP MAY BE CONVERTED TO HEADS-ON (ROUND) WEIGHT BY MULTIPLYING BROWN SHRIMP BY 1.61, PINK BY 1.60, WHITE BY 1.54, AND ROYAL RED BY 1.80.

SOUTH ATLANTIC SHRIMP LANDINGS, BY SPECIES AND SIZE, 1971

SPECIES AND SIZE	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BROWN:						
15 - 20	82,511	132,018	56	95	-	-
21 - 25	947,753	1,352,887	14,110	22,454	24,254	38,948
26 - 30	524,111	632,956	95,673	127,297	126,808	170,615
31 - 40	761,478	740,662	678,403	718,616	432,698	467,773
41 - 50	579,414	465,074	499,652	423,232	103,477	89,771
51 - 67	229,128	152,213	363,365	243,097	20,551	14,380
68 AND OVER	50,643	27,258	58,835	21,096	8,259	3,171
TOTAL	3,175,038	3,503,068	1,710,094	1,555,887	716,047	784,658
PINK:						
26 - 30	31,837	36,612	-	-	-	-
31 - 40	190,323	190,979	-	-	-	-
41 - 50	324,433	277,943	-	-	-	-
51 - 67	516,064	360,718	-	-	-	-
68 AND OVER	134,003	74,757	-	-	-	-
TOTAL	1,196,660	941,009	-	-	-	-
WHITE:						
15 - 20	-	-	52	85	17,462	32,915
21 - 25	-	-	263,119	422,387	844,227	1,374,190
26 - 30	12,430	15,317	545,472	741,876	1,074,334	1,445,787
31 - 40	126,815	121,904	1,299,034	1,381,226	1,485,986	1,578,372
41 - 50	194,350	154,490	1,202,033	1,077,012	847,633	763,891
51 - 67	40,673	25,600	1,464,939	1,042,098	560,804	415,989
68 AND OVER	7,726	4,018	419,748	167,654	175,781	69,748
TOTAL	381,994	321,329	5,194,397	4,832,338	5,006,227	5,680,892
GRAND TOTAL	4,753,692	4,765,406	6,904,491	6,388,225	5,722,274	6,465,550

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC SHRIMP LANDINGS, BY SPECIES AND SIZE, 1971 - Continued

SPECIES AND SIZE	FLORIDA, EAST COAST		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BROWN:				
15 - 20	63,067	100,660	145,634	232,773
21 - 25	95,716	142,730	1,081,833	1,557,019
26 - 30	96,833	128,741	843,425	1,059,609
31 - 40	124,615	135,777	1,997,194	2,062,828
41 - 50	36,377	32,315	1,218,920	1,010,392
51 - 67	30,468	22,912	643,512	432,602
68 AND OVER	16,626	8,180	134,363	59,705
TOTAL	463,702	571,315	6,064,881	6,414,928
PINK:				
26 - 30	-	-	31,837	36,612
31 - 40	-	-	190,323	190,979
41 - 50	-	-	324,433	277,943
51 - 67	-	-	516,064	360,718
68 AND OVER	-	-	134,003	74,757
TOTAL	-	-	1,196,660	941,009
WHITE:				
15 - 20	150,942	262,536	168,456	295,536
21 - 25	803,605	1,338,703	1,910,951	3,135,280
26 - 30	372,002	510,604	2,004,238	2,713,584
31 - 40	263,389	301,968	3,175,224	3,383,470
41 - 50	89,331	83,097	2,333,347	2,078,490
51 - 67	41,424	29,908	2,107,840	1,513,595
68 AND OVER	45,037	19,313	648,292	260,733
TOTAL	1,765,730	2,546,129	12,348,348	13,380,688
ROYAL RED:				
15 - 20	3,737	4,660	3,737	4,660
21 - 25	32,665	37,712	32,665	37,712
31 - 40	12,664	11,116	12,664	11,116
41 - 50	36,796	27,219	36,796	27,219
51 - 67	1,423	442	1,423	442
TOTAL	87,285	81,149	87,285	81,149
GRAND TOTAL	2,316,717	3,198,593	19,697,174	20,817,774

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON WEIGHT MULTIPLY BY 1.61 FOR BROWN, 1.60 FOR PINK, 1.54 FOR WHITE, AND 1.80 FOR ROYAL RED. THE STATES LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: WHITE SHRIMP (MOSTLY PENAEUS SETIFERUS), BROWN SHRIMP (MOSTLY PENAEUS AZTECUS), PINK SHRIMP (MOSTLY PENAEUS DUORARUM), AND ROYAL RED (MOSTLY HYMENOPENAEUS ROBUSTUS). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSELS FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVLOVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSEL. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT, OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

FLORIDA, EAST COAST AND TOTAL VALUE FOR SHRIMP IS SLIGHTLY LESS THAN IN THE OTHER TABLES IN THIS PUBLICATION.

SECTION 6 - GULF FISHERIES

The commercial landings of fish and shellfish at ports in the Gulf States (West Coast of Florida, Alabama, Mississippi, Louisiana, and Texas) were a record 2.1 billion pounds worth a record $199.4 million--a gain of 398.5 million pounds (23 percent) and $32.8 million (20 percent) compared with 1970. Record landings of menhaden and the record value of shrimp landings accounted largely for the increase.

The Gulf States had 42 percent of the volume and 31 percent of the value of U.S. landings, and exceeded all other areas in volume. Louisiana led in volume of landings with a record 1.4 billion pounds (66 percent); followed by Mississippi with a record 396.9 million (19 percent); Texas, 167.2 million (8 percent); Florida, West Coast, 107.5 million (5 percent); and Alabama, 34.2 million pounds (2 percent). Compared with 1970, the value of landings increased in all States except Florida, West Coast.

Fishermen and vessels. Commercial fishermen numbered 24,810--a decline of 81 compared with 1970. A decrease of 132 fishermen in the boat and shore fishery accounted for the decline. Vessels (craft of 5 net tons or more) numbered 4,315--5 less than in 1970.

According to records of the U.S. Department of Transportation, 317 vessels with home ports in the Gulf of Mexico received first documents as fishing craft and entered the Gulf commercial fisheries in 1971. This was an increase of 68 vessels compared with 1970. Many were replacements for vessels lost at sea or retired because of age or obsolescence.

Processed products. The value of processed seafood items was $361.8 million--an increase of $36.1 million compared with 1970. Louisiana led in production with products valued at $113.3 million, followed by Texas with $103.0 million; Florida, West Coast, $89.2 million; Mississippi, $35.4 million; and Alabama, $20.9 million. Frozen, packaged items accounted for 69 percent of the total value of processed products. The five States had 13,456 persons employed in 761 wholesaling and processing plants.

Hard blue crabs. Landings of 33.5 million pounds worth $3.1 million declined 1 percent in volume, but increased 9 percent in value compared with 1970. Landings in Florida, West Coast (12.3 million pounds) declined 17 percent, and in Mississippi (1.2 million), 38 percent. The smaller landings were scarcely offset by moderate gains in the remaining three States. Compared with 1970, Louisiana landings (12.2 million pounds) increased 19 percent; Texas (5.8 million), 5 percent; and Alabama (2.0 million pounds), 42 percent.

Food finfish. Compared with 1970, several major species including spanish mackerel, red snapper, and groupers declined in volume. Spanish mackerel landings (7.7 million pounds) were the smallest since 1968; and red snapper landings (8.5 million) declined for the sixth consecutive year. Grouper landings of 6.9 million pounds were 8 percent less than in 1970 and the smallest in the last decade.

Compared with 1970, landings of several species increased. Among them were king mackerel, sea trout, and flounders. King mackerel landings of 2.7 million pounds increased 15 percent--following the generally upward trend of the fishery since 1965. Sea trout landings (6.7 million pounds) increased 8 percent and were the best since 1968. The flounder harvest was a record 2.2 million pounds--up 10 percent from 1970, the former record year. Landings of mullet (26.5 million pounds) remained the same as in the previous year.

Spiny lobsters. The harvest of 5.3 million pounds declined 25 percent compared with the record production of 1970. Landings in Florida, West Coast, the principal producing State, were 4.8 million pounds--30 percent less than in 1970, the record year. It was the first year for spiny lobster landings in Alabama (132,000 pounds) and the second year in Mississippi (373,000 pounds).

The value of landings was $4.6 million--9 percent more than in 1970. Fishermen received an average price of 86.5 cents per pound for this delicacy in 1971, compared with 59.6 cents in 1970.

Menhaden. Landings were a record 1.6 billion pounds--33 percent more than in 1970, the former record year. For the ninth consecutive year, landings along the coast of the Gulf of Mexico were greater than Atlantic coast landings. Most of the fish were taken from waters off the Louisiana shore. Louisiana led with record landings of 1.2 billion pounds--77 percent of the total harvest. Mississippi was next with record landings of 308.4 million pounds (19 percent), followed by Texas with 62.9 million (4 percent.) Landings along the west coast of Florida were negligible. The menhaden fishery had 84 purse seine vessels operating in 1971--compared with 76 in 1970.

Oysters. Landings yielded 20.3 million pounds of meats worth $9.2 million--a gain of 14 percent in volume and 22 percent in value compared with 1970. The harvest was the best since 1968--principally because many Mississippi oyster reefs that had been severely damaged or destroyed by hurricane Camille in 1969 returned to full production in 1971. Louisiana led in production with 10.5 million pounds--22 percent more than in 1970. Landings in Texas (4.7 million pounds) and in Mississippi (1.2 million) also increased appreciably compared with 1970. However, landings along the west coast of Florida (3.5 million pounds) and in Alabama (250,000 pounds) were somewhat less than in 1970.

Shrimp. Landings of 227.4 million pounds (heads-on) were slightly less than the near-record 230.5 million taken in 1970. For the fifth consecutive year, landings exceeded 200 million pounds. Compared with 1970, landings increased moderately in Louisiana and Alabama, but declined in all other States. Louisiana led for the third consecutive year with 92.5 million pounds (up 2 percent), Texas was second with 86.9 million (down 2 percent); Florida, West Coast, 21.7 million (down 18 percent); Alabama, 16.7 million (up 11 percent); and Mississippi, 9.6 million pounds (down less than 1 percent).

The exvessel value of landings was a record $136.3 million--a gain of 26 percent compared with 1970. Fishermen received an average price of 60 cents per pound--compared with 47 cents in 1970. Prices increased in all size categories, principally because of a good market and the rising cost of production.

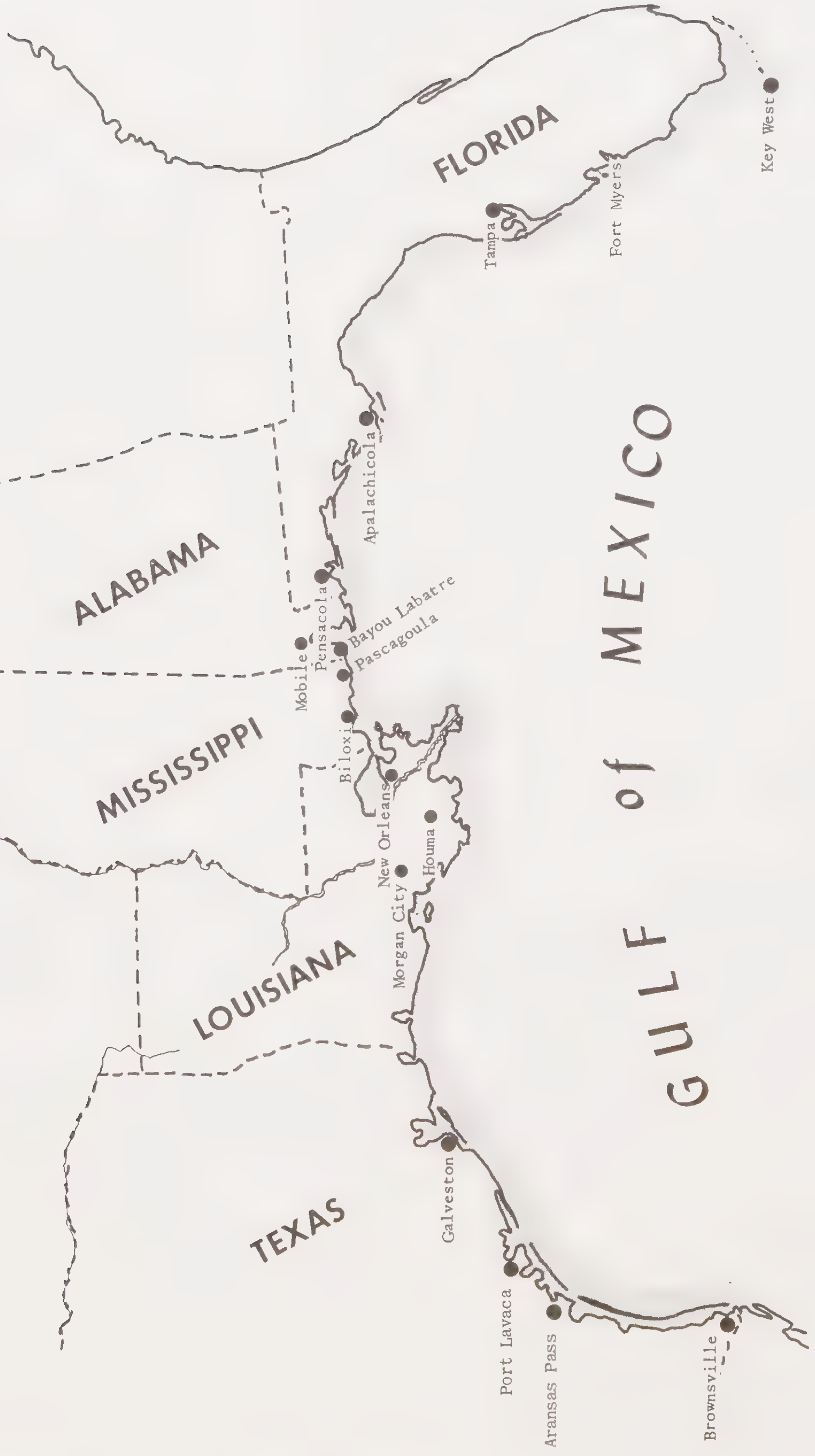
Fishing on most major grounds declined slightly. The exceptions were between the Mississippi River and the Louisiana-Texas border where landings were a record 61.5 million pounds (heads-off)--up 3 percent compared with 1970; and off the Mexican coast west of long. 94 W., which yielded 6.5 million pounds (up 24 percent). Declines occurred in waters off Texas, 42.4 million pounds (down 5 percent); Apalachicola to the Mississippi River, 20.4 million (down 2 percent); Sanibel-Tortugas, 9.4 million (down 17 percent); and in the high seas around the Obregon-Campeche grounds, 2.8 million pounds (down 29 percent).

The species composition was somewhat different from 1970. Brown shrimp were nearly 62 percent of the total landings; white, 29 percent; pink, 9 percent; and sea bobs, royal red, and rock shrimp together, less than 1 percent. In 1970, brown shrimp accounted for 56 percent of the total landings; white, 32 percent; pink, 11 percent; and sea bobs and royal red shrimp, 1 percent.

Other information. Seasonal variations in landings of fish and shellfish in Florida, Alabama, Mississippi, Louisiana, and Texas can be ascertained from the monthly and annual bulletins published in the Current Fishery Statistics Series by the Statistics and Market News Division in cooperation with the respective States.

Acknowledgments. The following organizations helped collect the data appearing in this section: Florida Department of Natural Resources, Alabama Department of Conservation, Mississippi Marine Conservation Commission, Louisiana Wild Life and Fisheries Commission, and Texas Parks and Wildlife Department.

GULF FISHERIES


FLORIDA
Key West
Fort Myers
Tampa
Apalachicola
ALABAMA
Pensacola
Bayou Labatre
Pascagoula
Mobile
Biloxi
MISSISSIPPI
New Orleans
Houma
Morgan City
LOUISIANA
TEXAS
Galveston
Port Lavaca
Aransas Pass
Brownsville
GULF of MEXICO

GULF STATES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1971

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
FLORIDA, WEST COAST	63	10	44	21	107	31
ALABAMA	15	2	19	12	34	14
MISSISSIPPI	384	7	12	5	397	13
LOUISIANA	1,274	22	117	50	1,391	72
TEXAS	70	3	97	67	167	70
TOTAL	1,806	45	290	155	2,097	199

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING. FOR THE PURPOSE OF THIS REPORT THE "WEST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM MONROE TO ESCAMBIA, INCLUSIVE.

SUMMARY OF OPERATING UNITS, 1971

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
				NUMBER		
FISHERMEN:						
ON VESSELS.	3,546	1,255	1,683	5,838	5,852	13,407
ON BOATS AND SHORE:						
REGULAR	1,998	462	439	3,382	754	7,035
CASUAL.	1,254	241	535	1,868	470	4,368
TOTAL	6,798	1,958	2,657	11,088	7,076	24,810
VESSELS, MOTOR.	1,189	470	443	1,808	2,046	4,315
GROSS TONNAGE	59,881	7,185	27,623	125,414	135,689	253,863
BOATS:						
MOTOR	2,517	[illegible]	1,022	4,426	881	9,410
OTHER	10	[illegible]	3	36	10	141
GEAR:						
HAUL SEINES, COMMON . . .	68	-	-	6	18	92
PURSE SEINES:						
MENHADEN.	-	-	20	68	15	84
OTHER	2	-	-	-	-	2
LAMPARA NETS	6	-	-	-	-	6
BUTTERFLY NETS, SHRIMP. .	-	-	-	1,190	-	1,190
OTTER TRAWLS:						
FISH.	-	-	70	23	-	89
SHRIMP.	1,524	976	1,164	6,291	3,986	11,021
FYKE AND HOOP NETS, FISH.	-	-	-	14,360	-	14,360
POTS AND TRAPS:						
CRAB:						
BLUE.	35,995	14,425	4,050	84,070	12,700	151,240
OTHER	73,685	-	-	-	-	73,685
CRAWFISH.	-	-	-	24,320	-	24,320
EEL	105	-	-	-	-	105
FISH.	100	-	-	1,863	-	1,963
LOBSTER, SPINY.	147,037	175	900	-	-	147,737
GILL NETS:						
ANCHOR, SET, OR STAKE .	7	-	3	229	24	263
DRIFT	6	-	-	-	-	6
RUNAROUND	893	18	4	-	-	915
TRAMMEL NETS.	301	95	27	153	54	630
LINES:						
HAND.	2,293	124	165	226	415	3,148
TROLL	701	-	-	-	-	701
LONG OR SET WITH HOOKS.	27	-	-	1,140	150	1,317
TROT WITH BAITS	-	-	-	629	2	631
DIP NETS:						
COMMON.	6	-	-	8	-	14
DROP.	2	-	-	6,816	-	6,818
CAST NETS	25	-	-	-	-	25
SPEARS.	62	45	-	-	61	168
DREDGES:						
OYSTER, COMMON.	-	6	236	823	249	1,252
SCALLOP, BAY.	92	-	-	-	-	92
OTHER	2	-	-	-	-	2
TONGS:						
OYSTER.	637	459	475	106	29	1,706
OTHER	1	-	-	-	-	1
BRUSH TRAPS	-	-	-	43,150	-	43,150
GRABS, FROG	-	-	-	16	-	16
HOOKS, SPONGE	30	-	-	-	-	30
DIVING OUTFITS, SPONGE . .	7	-	-	-	-	7

LANDINGS BY STATES, 1971

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	420	16	-	-	-	-
AMBERJACK	45	4	-	-	-	-
ANGELFISH	4	(1)	-	-	-	-
BALLYHOO	84	19	-	-	-	-
BARRACUDA	2	(1)	-	-	-	-
BLUEFISH	510	49	13	1	9	1
BLUE RUNNER	2,226	90	1	(1)	-	-
BONITO	127	5	-	-	-	-
CABIO	77	6	8	(1)	-	-
CATFISH AND BULLHEADS	8	2	-	-	-	-
CIGARFISH	527	70	-	-	-	-
CREVALLE	676	21	-	-	-	-
CROAKER	1,004	137	8,384	1,036	498	60
DOLPHIN	38	6	-	-	-	-
DRUM:						
BLACK	73	5	31	2	21	1
RED	708	122	32	4	59	7
EEL, COMMON	5	1	-	-	-	-
FLOUNDERS	296	77	951	155	172	24
GROUPERS	6,356	1,273	180	23	228	34
GRUNTS	357	51	-	-	-	-
HERRING, THREAD	918	32	-	-	-	-
HOGFISH	22	5	-	-	-	-
JEWFISH	149	13	41	4	-	-
KING WHITING OR "KINGFISH"	210	12	517	31	312	23
MACKEREL:						
KING	2,738	472	-	-	-	-
SPANISH	7,383	830	56	5	179	20
MENHADEN	807	30	-	-	308,351	4,823
MOJARRA	152	16	-	-	-	-
MULLET:						
BLACK (LISA)	23,818	2,073	2,361	145	177	10
SILVER	625	54	-	-	-	-
PERMIT	21	3	-	-	-	-
PIGFISH	14	1	-	-	-	-
POMPANO	832	1,053	5	3	-	-
SCUP OR PORGY	89	13	-	-	-	-
SEA BASS, BLACK	106	11	-	-	-	-
SEA CATFISH	38	3	91	5	61	3
SEA TROUT OR WEAKFISH:						
SPOTTED	1,961	616	137	40	393	98
WHITE	278	22	980	59	163	10
SHARKS, UNCLASSIFIED	16	1	-	-	-	-
SHEEPSHEAD, SALTWATER	249	25	320	17	59	4
SNAPPERS:						
LANE	16	4	-	-	-	-
MANGROVE	469	131	-	-	-	-
MUTTON	274	101	-	-	-	-
RED	3,878	2,232	939	341	2,399	886
VERMILION	126	53	-	-	-	-
YELLOWTAIL	949	408	-	-	-	-
SPANISH SARDINES	118	8	-	-	-	-
SPOT	432	42	89	5	4	(1)
STURGEON, COMMON	25	4	-	-	-	-
SWORDFISH	1	(1)	-	-	-	-
TENPOUNDER	1,004	37	-	-	-	-
TILEFISH	14	2	-	-	-	-
TRIGGERFISH	40	4	-	-	-	-
TRIPLETAIL	(1)	(1)	-	-	-	-
WARSAW	166	21	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	1,167	114	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	556	19	-	-	71,382	1,400
TOTAL FISH	63,204	10,419	15,136	1,876	384,467	7,404
SHELLFISH ET AL.						
CRABS:						
BLUE, HARD	12,279	952	1,997	212	1,259	126
STONE	1,650	827	-	-	-	-
TOTAL CRABS	13,929	1,779	1,997	212	1,259	126
LOBSTERS, SPINY	4,788	4,124	132	121	373	336
SHRIMP, SALTWATER	21,688	12,985	16,713	11,451	9,589	4,362

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1971 - Continued

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
SHELLFISH ET AL. - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CLAMS:						
HARD, PUBLIC	4	2	-	-	-	-
SUNRAY VENUS	99	10	-	-	-	-
TOTAL CLAMS	103	12	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	2,044	911	39	4	[illegible]	397
FALL	1,283	568	197	1	154	76
PRIVATE:						
SPRING	142	63	10	6	-	-
FALL	60	47	4		-	-
TOTAL OYSTERS	3,529	[illegible]	250	11	[illegible]	473
SCALLOPS, BAY	48	39	-	-	-	-
SQUID	29	5	9		-	-
TURTLES:						
GREEN	120	30	-	-	-	-
LOGGERHEAD	16		-	-	-	-
SPONGES:						
GRASS	1	1	-	-	-	-
SHEEPSWOOL	26	215	-	-	-	-
YELLOW	5	7	-	-	-	-
TOTAL SHELLFISH ET AL.	44,282	20,767	19,101	11,936	12,436	5,297
GRAND TOTAL	107,486	31,186	34,237	13,812	396,903	12,701

SPECIES	LOUISIANA		TEXAS		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	-	-	-	-	420	16
AMBERJACK	-	-	-	-	45	4
ANGELFISH	-	-	-	-	4	(1)
BALLYHOO	-	-	-	-	84	19
BARRACUDA	-	-	-	-	2	(1)
BLUEFISH	-	-	-	-	532	51
BLUE RUNNER	-	-	-	-	2,227	90
BONITO	-	-	-	-	127	5
BOWFIN	4	(1)	-	-	4	(1)
BUFFALOFISH	596	81	17	3	613	84
CABIO	4	(1)	15	1	104	7
CARP	18	1	-	-	18	1
CATFISH AND BULLHEADS	3,351	952	3	1	3,362	955
CIGARFISH	-	-	-	-	527	70
CREVALLE	-	-	-	-	676	21
CROAKER	294	40	54	3	10,234	1,276
DOLPHIN	-	-	-	-	38	6
DRUM:						
BLACK	506	36	1,138	117	1,769	161
RED	724	137	1,991	484	3,514	754
EEL, COMMON	-	-	-	-	5	1
FLOUNDERS	463	77	319	76	2,201	409
GARFISH	456	40	20	1	476	41
GROUPERS	3	(1)	138	13	6,905	1,343
GRUNTS	-	-	-	-	357	51
HERRING, THREAD	3,724	59	-	-	4,642	91
HOGFISH	-	-	-	-	22	5
JEWFISH	2	(1)	-	-	192	17
KING WHITING OR "KINGFISH"	431	32	80	6	1,550	104
MACKEREL:						
KING	-	-	-	-	2,738	472
SPANISH	40	3	-	-	7,658	858
MENHADEN	1,237,093	20,015	62,931	1,050	1,609,182	25,918
MOJARRA	-	-	-	-	152	16
MULLET:						
BLACK (LISA)	8	(1)	98	4	26,462	2,232
SILVER	-	-	-	-	625	54
PADDLEFISH	1	(1)	-	-	1	(1)
PERMIT	-	-	-	-	21	3
PIGFISH	-	-	-	-	14	1
POMPANO	19	17	3	2	859	1,075

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1971 - Continued

SPECIES	LOUISIANA		TEXAS		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SAWFISH	(1)	(1)	-	-	(1)	(1)
SCUP OR PORGY	-	-	-	-	89	13
SEA BASS	-	-	-	-	106	11
SEA CATFISH	65	6	45	3	300	20
SEA TROUT OR WEAKFISH:						
SPOTTED	1,122	297	1,487	357	5,100	1,408
WHITE	132	15	2	(1)	1,555	106
SHARKS, UNCLASSIFIED	1	(1)	-	-	17	1
SHEEPSHEAD:						
FRESHWATER	200	18	-	-	200	18
SALTWATER	239	14	134	10	1,001	70
SNAPPERS:						
LANE	-	-	-	-	16	4
MANGROVE	-	-	-	-	469	131
MUTTON	-	-	-	-	274	101
RED	162	54	1,082	495	8,460	4,008
VERMILION	-	-	-	-	126	53
YELLOWTAIL	-	-	-	-	949	408
SPANISH SARDINES	-	-	-	-	118	8
SPOT	16	1	-	-	543	48
STURGEON, COMMON	-	-	-	-	25	4
SWORDFISH	-	-	-	-	1	(1)
TENPOUNDER	-	-	-	-	1,004	37
TILEFISH	-	-	-	-	14	2
TRIGGERFISH	-	-	-	-	40	4
TRIPLETAIL	8	1	-	-	8	1
WARSAW	-	-	-	-	166	21
UNCLASSIFIED:						
FOR FOOD	-	-	112	6	1,279	120
FOR BAIT, REDUCTION, AND ANIMAL FOOD	94,259	408	46	2	96,243	1,829
TOTAL FISH	1,273,943	22,304	69,715	2,634	1,806,465	44,637
SHELLFISH ET AL.						
CRABS:						
BLUE:						
HARD	12,186	1,256	5,810	567	33,531	3,113
SOFT AND PEELER	127	126	-	-	127	126
STONE	-	-	-	-	1,650	827
TOTAL CRABS	12,313	1,382	5,810	567	35,308	4,066
CRAWFISH, FRESHWATER	1,542	329	-	-	1,542	329
LOBSTERS, SPINY	-	-	-	-	5,293	4,581
SHRIMP:						
FRESHWATER	5	1	-	-	5	1
SALTWATER	92,476	43,284	86,905	64,191	227,371	136,273
CLAMS:						
HARD, PUBLIC	-	-	-	-	4	2
SUNRAY VENUS	-	-	-	-	99	10
TOTAL CLAMS	-	-	-	-	103	12
OYSTERS, MARKET:						
PUBLIC:						
SPRING	667	258	2,650	1,416	6,461	3,006
FALL	145	89	1,814	817	3,593	1,669
PRIVATE:						
SPRING	7,367	2,847	121	59	7,640	2,974
FALL	2,349	1,444	159	86	2,572	1,559
TOTAL OYSTERS	10,528	4,638	4,744	2,378	20,266	9,208
SCALLOPS, BAY	-	-	-	-	48	39
SQUID	3	(1)	9	2	50	8
TERRAPIN	1	(1)	-	-	1	(1)
TURTLES:						
GREEN	8	2	-	-	128	32
LOGGERHEAD	-	-	-	-	16	2
SNAPPER	8	2	-	-	8	2
FROGS	5	3	-	-	5	3
SPONGES:						
GRASS	-	-	-	-	1	1
SHEEPSWOOL	-	-	-	-	26	215
YELLOW	-	-	-	-	5	7
TOTAL SHELLFISH ET AL.	116,889	49,641	97,468	67,138	290,176	154,779
GRAND TOTAL	1,390,832	71,945	167,183	69,772	2,096,641	199,416

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

LANDINGS OF CERTAIN SHELLFISH, 1971

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI		LOUISIANA		TEXAS		TOTAL	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:												
HARD, PUBLIC	4,706	2,003	-	-	-	-	-	-	-	-	4,706	2,003
SUNRAY VENUS	14,398	9,915	-	-	-	-	-	-	-	-	14,398	9,915
OYSTERS, MARKET:												
PUBLIC:												
SPRING	434,237	911,050	7,232	23,893	258,732	396,702	125,103	257,703	491,763	1,416,174	1,317,067	3,005,522
FALL	375,555	568,161	36,698	119,266	36,947	75,572	37,172	89,049	355,608	816,630	841,980	1,668,678
PRIVATE:												
SPRING	30,484	62,452	1,808	6,060	-	-	1,382,214	2,846,817	29,464	58,718	1,443,970	2,974,047
FALL	17,415	26,618	709	2,401	-	-	603,779	1,443,726	43,442	86,392	665,345	1,559,137
SCALLOPS, BAY	10,256	39,406	-	-	-	-	-	-	-	-	10,256	39,406

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN SHELLFISH, 1971

SPECIES	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL				
CLAMS:					
HARD, PUBLIC	8.50	-	-	-	-
SUNRAY VENUS	6.89	-	-	-	-
OYSTERS, MARKET:					
PUBLIC:					
SPRING	4.71	5.42	4.10	5.33	5.39
FALL	3.42	5.36	4.16	3.89	5.10
PRIVATE:					
SPRING	4.64	5.42	-	5.33	4.11
FALL	3.46	5.36	-	3.89	3.66
SCALLOPS, BAY	4.68	-	-	-	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1971

ITEM	UNIT	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS	QUANTITY	DOLLARS
CATFISH, FROZEN, DRESSED, SKINS OFF.	POUNDS	(1)	(1)	-	-	-	-
CROAKER, DRESSED FROZEN	DO	-	-	(1)	(1)	-	-
FLOUNDERS, FROZEN:							
FILLETS, BREADED RAW.	DO	(1)	(1)	-	-	-	-
SPECIALTIES (STUFFED, BREADED RAW)	DO	(1)	(1)	(1)	(1)	-	-
GROUPER FILLETS AND STEAKS, FRESH AND FROZEN	DO	356,042	277,909	(1)	(1)	-	-
KING MACKEREL FILLETS AND STEAKS, FROZEN	DO	(1)	(1)	-	-	-	-
MENHADEN:							
MEAL AND SCRAP.	TONS	-	-	-	-	31,722	5,169,825
OIL	1000 LBS	-	-	-	-	34,010	2,691,264
SOLUBLES.	POUNDS	-	-	-	-	14,302	572,040
MULLET:							
FRESH AND FROZEN:							
FILLETS	DO	(1)	(1)	-	-	-	-
ROE	DO	57,055	48,985	-	-	-	-
SPLIT FOR CURING.	DO	(1)	(1)	-	-	-	-
SALTED:							
FISH.	DO	201,502	33,619	(1)	(1)	-	-
ROE	DO	21,225	19,732	-	-	-	-
SMOKED.	DO	(1)	(1)	-	-	-	-
OCEAN PERCH FILLETS, BREADED RAW, FROZEN.	DO	(1)	(1)	-	-	-	-
SEA TROUT FILLETS, FROZEN . . .	DO	(1)	(1)	-	-	-	-
SNAPPER, RED, FILLETS AND STEAKS, FRESH AND FROZEN . . .	DO	117,104	208,555	(1)	(1)	-	-
SPANISH MACKEREL FILLETS, FROZEN.	DO	1,764,520	831,170	-	-	-	-
TRIGGERFISH FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-	-	-
CRABS:							
BLUE:							
FRESH AND FROZEN:							
COOKED MEAT	DO	1,401,864	3,032,971	322,159	645,040	498,350	827,615
SPECIALTIES (DEVILED, ROLLS, STUFFED, PATTIES, ETC.)	DO	520,514	411,010	(1)	(1)	-	-
CANNED, REGULAR	STANDARD CASES	-	-	-	-	(1)	(1)
BACK SHELLS, CLEANED AND POLISHED	-	-	-	-	(1)	-	367,750
STONE, CLAWS, COOKED FROZEN .	POUNDS	(1)	(1)	-	-	-	-
LOBSTERS, SPINY FROZEN:							
TAILS, RAW.	DO	(1)	(1)	-	-	-	-
COOKED, WHOLE	DO	(1)	(1)	-	-	-	-
SHRIMP:							
FRESH AND FROZEN:							
RAW HEADLESS.	DO	6,209,322	8,810,260	8,394,170	11,563,271	5,561,800	7,414,820
PEELED (INCLUDES DEVEINED):							
RAW	DO	15,356,622	25,663,839	(1)	(1)	(1)	(1)
COOKED.	DO	(1)	(1)	-	-	-	-
BREADED, RAW AND COOKED . .	DO	31,531,315	35,703,598	-	-	(1)	(1)
SPECIALTIES (COCKTAILS, CREOLES, GUMBOS, PATTIES, ETC.)	DO	(1)	(1)	(1)	(1)	-	-
CANNED, REGULAR	STANDARD CASES	-	-	-	-	401,160	5,286,292
MEAL AND SCRAP.	TONS	(1)	(1)	-	-	-	-
CLAMS, HARD SHUCKED FRESH . . .	GALLONS	(1)	(1)	-	-	-	-
CONCH CHOWDER, CANNED	STANDARD CASES	(1)	(1)	-	-	-	-
OYSTERS:							
FRESH AND FROZEN:							
SHUCKED	GALLONS	301,631	2,344,708	235,691	2,156,134	192,750	1,688,825
BREADED RAW	POUNDS	1,748,662	1,512,515	-	-	-	-
CANNED, NATURAL	STANDARD CASES	-	-	-	-	(1)	(1)
SHELL GRIT AND LIME	TONS	-	-	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS	QUANTITY	DOLLARS
SCALLOPS, FRESH AND FROZEN:							
SHUCKED:							
BAY	GALLONS	4,047	49,669	-	-	-	-
CALICO	DO	2,156	22,623	-	-	-	-
BREADED RAW:							
BAY	POUNDS	134,500	169,656	-	-	-	-
SEA	DO	1,122,804	1,387,080	-	-	-	-
TURTLE, CANNED (CHOWDER AND SOUP)	STANDARD CASES	(1)	(1)	-	-	-	-
UNCLASSIFIED:							
FRESH AND FROZEN, PACKAGED FILLETS, STEAKS, STICKS, PORTIONS AND OTHER FISH AND SHELLFISH	POUNDS	7,787,714	8,627,210	4,017,045	4,543,285	981,690	1,218,746
CANNED:							
ANIMAL FOOD	STANDARD CASES	-	-	-	-	2,399,999	9,431,311
OTHER	DO	(4)	(4)	-	-	53,153	784,618
CURED	POUNDS	(4)	(4)	(4)	(4)	-	-
INDUSTRIAL	-	-	(4)	-	(4)	-	-
TOTAL	-	-	89,155,109	-	20,907,730	-	35,453,106

ITEM	UNIT	LOUISIANA		TEXAS	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
CATFISH, FROZEN:					
DRESSED, SKINS OFF	POUNDS	(1)	(1)	-	-
FILLETS:					
RAW	DO	(1)	(1)	-	-
BREADED RAW	DO	(1)	(1)	-	-
FLOUNDERS, FROZEN:					
FILLETS RAW	DO	(1)	(1)	-	-
SPECIALTIES (STUFFED, BREADED RAW)	DO	13,265	13,265	(1)	(1)
HERRING, THREAD:					
MEAL AND SCRAP	TONS	381	57,661	-	-
OIL	1000 LBS	404	31,407	-	-
SOLUBLES	TONS	123	5,168	-	-
MENHADEN:					
MEAL AND SCRAP	TONS	133,527	20,955,780	(2)	(2)
OIL	1000 LBS	156,678	12,332,607	(2)	(2)
SOLUBLES	POUNDS	45,700	1,872,140	(2)	(2)
MULLET MEAL AND SCRAP	TONS	(1)	(1)	-	-
CRABS:					
BLUE:					
FRESH AND FROZEN:					
COOKED MEAT	POUNDS	618,342	1,085,214	667,307	1,107,436
SPECIALTIES (DEVILED, ROLLS, STUFFED, PATTIES, ETC.)	DO	436,930	331,985	(1)	(1)
CANNED SPECIALTIES (GUMBOS)	STANDARD CASES	(1)	(1)	-	-
CRAWFISH:					
FRESH COOKED MEAT	POUNDS	7,300	12,880	-	-
SPECIALTIES:					
FROZEN (FLAVORING AND BISQUE)	DO	72,964	47,798	-	-
CANNED (BISQUE)	STANDARD CASES	(1)	(1)	-	-
SHRIMP:					
FRESH AND FROZEN:					
RAW HEADLESS	POUNDS	31,611,924	37,640,904	36,082,885	47,454,937
PEELED (INCLUDING DEVEINED):					
RAW	DO	790,855	715,348	12,675,596	22,555,775
COOKED	DO	2,544,862	6,378,445	(2)	(2)
BREADED, RAW AND COOKED	DO	1,701,551	1,890,982	23,986,132	23,490,852
SPECIALTIES (COCKTAILS, CREOLES, GUMBOS, PATTIES, ETC)	DO	623,102	644,543	-	-
CANNED:					
REGULAR	STANDARD CASES	1,735,268	18,500,969	(2)	(2)
SPECIALTIES (CREOLES, GUMBOS, AND BISQUES)	DO	8,308	140,062	-	-
SUN-DRIED	POUNDS	724,153	1,356,451	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	LOUISIANA		TEXAS	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
OYSTERS:					
FRESH AND FROZEN:					
SHUCKED	GALLONS	696,651	6,085,269	265,856	2,591,571
BREADED RAW	POUNDS	-	-	(1)	(1)
SPECIALTIES (DRESSINGS AND STUFFED)	DO	11,000	10,510	-	-
CANNED:					
NATURAL	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (STEWS)	DO	(1)	(1)	-	-
SHELL GRIT AND LIME	TONS	-	-	(1)	(1)
TURTLES, CANNED (CHOWDER AND SOUP).	STANDARD CASES	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN, PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS AND OTHER FISH AND SHELLFISH.	POUNDS	14,070	18,519	2,625,158	2,353,519
CANNED:					
ANIMAL FOOD	STANDARD CASES	(3)	(3)	-	-
OTHER	DO	597,585	6,510,307	-	-
INDUSTRIAL.	-	-	103,426	-	-
TOTAL.	-	-	113,253,529	-	103,042,201

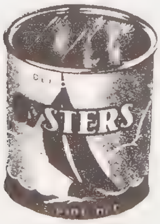
1/ INCLUDED WITH UNCLASSIFIED.

2/ THE PRODUCTION OF MENHADEN PRODUCTS, COOKED PEELED SHRIMP, AND CANNED SHRIMP IN TEXAS HAVE BEEN INCLUDED WITH THE LOUISIANA PRODUCTION.

3/ THE PRODUCTION OF ANIMAL FOOD IN LOUISIANA HAS BEEN INCLUDED WITH OTHER CANNED.

4/ INCLUDED WITH UNCLASSIFIED FRESH AND FROZEN PACKAGED, FISH AND SHELLFISH.

NOTE:--THIS TABLE MAY NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE LANDINGS WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.



GULF FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1971

ITEM	THOUSAND DOLLARS
PACKAGED:	
FRESH	21,618
FROZEN	250,913
CANNED	40,708
CURED	1,420
INDUSTRIAL	47,153
TOTAL	361,812

VALUE OF PROCESSED PRODUCTS, BY STATES, 1971

STATE	THOUSAND DOLLARS
FLORIDA, WEST COAST	89,155
ALABAMA	20,908
MISSISSIPPI	35,453
LOUISIANA	113,254
TEXAS	103,042
TOTAL	361,812

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971

STATE	PROCESSING			WHOLESALE			TOTAL		
	PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR		SEASON	YEAR		SEASON	YEAR
	NUMBER								
FLORIDA, WEST COAST	127	4,321	3,562	172	574	489	299	4,895	4,051
ALABAMA	48	1,590	1,018	14	592	229	62	2,182	1,247
MISSISSIPPI	44	1,604	1,025	18	141	75	62	1,745	1,100
LOUISIANA	128	4,699	3,112	51	607	468	179	5,306	3,580
TEXAS	81	3,698	2,771	78	1,146	707	159	4,844	3,478
TOTAL	428	15,912	11,488	333	3,060	1,968	761	18,972	13,456

NOTE:--EMPLOYMENT IS REPORTED BY EACH PLANT FOR EACH MONTH FOR THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF THE MONTH. EMPLOYMENT FOR THE SEASON IS BASED ON THE GREATEST NUMBER OF EMPLOYEES WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH. EMPLOYMENT FOR THE YEAR IS OBTAINED BY ADDING THE NUMBER OF EMPLOYEES RECORDED AS WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH, FOR THE YEAR, AND DIVIDING BY 12.

GULF FISHERIES

FLORIDA, WEST COAST

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	PURSE SEINES	LAMPARA NETS	OTTER TRAWLS, SHRIMP	POTS AND TRAPS	
					CRAB	
					BLUE	OTHER
	-NUMBER-					
FISHERMEN:						
ON VESSELS	105	5	5	1,897	2	39
ON BOATS AND SHORE:						
REGULAR	181	2	8	93	207	134
CASUAL	5	-	-	25	58	14
TOTAL	291	7	13	2,015	267	187
VESSELS, MOTOR	17	1	2	756	1	20
GROSS TONNAGE	221	35	26	46,979	9	277
BOATS:						
MOTOR	75	2	4	70	232	122
OTHER	10	-	-	-	-	-
GEAR	68	2	6	1,524	35,995	73,685

ITEM	POTS AND TRAPS - CONTINUED			GILL NETS		
	EEL	FISH	LOBSTER, SPINY	ANCHOR, SET, OR STAKE	DRIFT	RUNAROUND
	-NUMBER-					
FISHERMEN:						
ON VESSELS	-	2	364	2	6	221
ON BOATS AND SHORE:						
REGULAR	3	7	259	2	5	814
CASUAL	-	-	39	1	-	169
TOTAL	3	9	662	5	11	1,204
VESSELS, MOTOR	-	1	142	1	3	59
GROSS TONNAGE	-	32	4,184	11	37	2,198
BOATS, MOTOR	3	7	195	3	3	834
GEAR	105	100	147,037	7	6	893

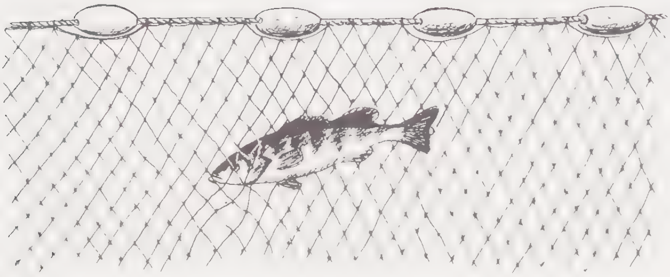
ITEM	TRAMMEL NETS	LINES			DIP NETS	
		HAND	TROLL	LONG OR SET WITH HOOKS	COMMON	DROP
	-NUMBER-					
FISHERMEN:						
ON VESSELS	36	1,043	138	5	-	2
ON BOATS AND SHORE:						
REGULAR	347	406	96	6	-	-
CASUAL	49	777	284	5	6	-
TOTAL	432	2,226	518	16	6	2
VESSELS, MOTOR	12	282	44	1	-	1
GROSS TONNAGE	191	7,725	1,204	51	-	17
BOATS, MOTOR	289	826	299	10	4	-
GEAR	301	2,293	701	27	6	2

ITEM	CAST NETS	SPEARS	DREDGES		TONGS	
			SCALLOP, BAY	OTHER	OYSTER	OTHER
	-NUMBER-					
FISHERMEN:						
ON VESSELS	-	-	-	6	20	-
ON BOATS AND SHORE:						
REGULAR	1	42	59	-	565	1
CASUAL	24	20	1	-	52	-
TOTAL	25	62	60	6	637	1
VESSELS, MOTOR	-	-	-	2	10	-
GROSS TONNAGE	-	-	-	73	117	-
BOATS, MOTOR	9	61	47	-	502	1
GEAR	25	62	92	2	637	1

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - OPERATING UNITS BY GEAR, 1971 - Continued

ITEM	HOOKS, SPONGE	DIVING OUTFITS		BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
		SPONGE	OTHER		
	NUMBER				
FISHERMEN:					
ON VESSELS	-	44	-	-	3,546
ON BOATS AND SHORE:					
REGULAR	20	-	-	17	1,998
CASUAL	10	-	12	2	1,254
TOTAL	30	44	12	19	6,798
VESSELS, MOTOR	30	7	-	-	1,189
GROSS TONNAGE	-	110	-	-	59,881
BOATS:					
MOTOR	-	-	8	19	2,517
OTHER	-	-	-	-	1[illegible]
GEAR	30	7	-	-	-



GILL NET

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		PURSE SEINES		LAMPARA NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	241,800	9,651	-	-	-	-
ANGELFISH	1,600	82	-	-	-	-
BALLYHOO	700	81	600	87	83,000	18,593
BLUEFISH	209,000	18,067	-	-	-	-
BLUE RUNNER	1,761,900	70,482	97,700	3,908	-	-
BONITO	64,400	2,481	53,200	2,165	-	-
CIGARFISH	497,400	66,370	26,900	3,451	-	-
CREVALLE	289,000	8,257	22,800	458	-	-
CROAKER	27,600	5,125	-	-	-	-
DRUM:						
BLACK	18,300	1,285	-	-	-	-
RED	162,600	28,416	-	-	-	-
FLOUNDERS	17,300	3,557	-	-	-	-
GRUNTS	6,600	1,047	-	-	-	-
HERRING, THREAD	760,200	27,195	158,200	5,030	-	-
KING WHITING OR "KINGFISH"	7,300	685	-	-	-	-
MACKEREL:						
KING	51,200	8,585	-	-	-	-
SPANISH	1,319,400	130,121	-	-	-	-
MENHADEN	204,600	7,464	5,000	153	-	-
MOJARRA	75,700	8,012	-	-	-	-
MULLET:						
BLACK (LISA)	4,637,800	393,446	-	-	-	-
SILVER	87,000	6,995	-	-	-	-
PERMIT	600	124	-	-	-	-
PIGFISH	600	35	-	-	-	-
POMPANO	19,700	21,823	-	-	-	-
SEA CATFISH	1,100	88	1,400	108	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	177,600	56,349	-	-	-	-
WHITE	3,600	440	-	-	-	-
SHEEPSHEAD, SALTWATER	65,100	6,650	-	-	-	-
SNAPPER, MANGROVE	11,400	2,169	-	-	-	-
SPANISH SARDINE	91,000	6,919	27,400	953	-	-
SPOT	98,100	11,120	-	-	-	-
TENPOUNDER	732,900	28,113	211,600	6,391	-	-
UNCLASSIFIED:						
FOR FOOD	186,500	19,044	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	178,100	3,694	30,300	606	-	-
TOTAL	12,007,700	953,972	635,100	23,310	83,000	18,593

SPECIES	OTTER TRAWLS, SHRIMP		POTS AND TRAPS			
			CRAB			
			BLUE		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGELFISH	200	10	-	-	-	-
CABIO	5,600	400	-	-	-	-
CROAKER	702,500	86,626	-	-	-	-
FLOUNDERS	130,100	30,754	-	-	-	-
JEWFISH	1,300	94	-	-	-	-
KING WHITING OR "KINGFISH"	181,300	9,827	-	-	-	-
PIGFISH	1,500	115	-	-	-	-
POMPANO	2,200	2,409	-	-	-	-
SEA CATFISH	4,400	299	-	-	-	-
SEA TROUT OR WEAKFISH, WHITE	176,600	13,086	-	-	-	-
SHEEPSHEAD, SALTWATER	16,700	1,205	-	-	-	-
SPOT	72,900	4,374	-	-	-	-
STURGEON, COMMON	100	25	-	-	-	-
UNCLASSIFIED, FOR FOOD	2,000	173	-	-	-	-
CRABS:						
BLUE, HARD	78,100	6,274	12,200,600	945,732	-	-
STONE	-	-	-	-	1,598,700	800,083
LOBSTERS, SPINY	46,000	30,409	-	-	-	-
SHRIMP	21,687,900	12,984,865	-	-	-	-
SQUID	28,600	5,276	-	-	-	-
TURTLES, LOGGERHEAD	1,500	161	-	-	-	-
TOTAL	23,139,500	13,176,382	12,200,600	945,732	1,598,700	800,083

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	POTS AND TRAPS - CONTINUED					
	EEL		FISH		LOBSTER, SPINY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EEL, COMMON	5,200	782	-	-	-	-
GROUPERS.	-	-	-	-	47,300	9,392
GRUNTS.	-	-	101,600	15,927	-	-
PIGFISH	-	-	3,600	237	-	-
SEA BASS, BLACK	-	-	85,600	8,503	-	-
CRABS, STONE.	-	-	-	-	51,500	27,032
LOBSTERS, SPINY	-	-	-	-	4,740,800	4,092,737
TOTAL	5,200	782	190,800	24,667	4,839,600	4,129,161

SPECIES	GILL NETS					
	ANCHOR, SET, OR STAKE		DRIFT		RUNAROUND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	-	-	-	-	149,500	5,346
ANGELFISH	-	-	-	-	1,000	49
BLUEFISH.	-	-	-	-	232,200	23,762
BLUE RUNNER	-	-	-	-	299,900	12,221
CABIO	-	-	-	-	20,400	1,458
CATFISH AND BULLHEADS . . .	-	-	-	-	100	32
CIGARFISH	-	-	-	-	3,200	448
CREVALLE.	-	-	-	-	304,800	10,076
CROAKER	-	-	-	-	82,600	11,541
DRUM:						
BLACK	-	-	-	-	21,600	1,577
RED	-	-	-	-	413,600	70,453
FLOUNDERS	-	-	-	-	56,700	15,983
GRUNTS.	-	-	-	-	24,200	3,651
KING WHITING OR "KINGFISH".	-	-	-	-	15,800	1,034
MACKEREL:						
KING.	-	-	[illegible]	[illegible]	2,293,900	395,995
SPANISH	-	-	[illegible]	[illegible]	5,651,300	652,007
MENHADEN.	-	-	-	-	563,600	21,407
MOJARRA	-	-	-	-	71,500	7,521
MULLET:						
BLACK (LISA).	-	-	-	-	17,076,600	1,486,018
SILVER.	-	-	-	-	523,800	45,743
PERMIT.	-	-	-	-	11,500	1,729
PIGFISH	-	-	-	-	5,300	409
POMPANO	-	-	[illegible]	[illegible]	166,100	211,772
SEA CATFISH	-	-	-	-	16,200	1,242
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	-	-	1,245,800	390,818
WHITE	-	-	-	-	45,200	4,218
SHARKS, UNCLASSIFIED. . . .	-	-	-	-	4,300	202
SHEEPSHEAD, SALTWATER . . .	-	-	-	-	103,400	11,057
SNAPPER, MANGROVE	-	-	-	-	78,200	14,724
SPOT.	-	-	-	-	203,200	21,065
STURGEON, COMMON.	[illegible]	[illegible]	[illegible]	[illegible]	100	6
TENPOUNDER.	-	-	-	-	52,400	2,007
UNCLASSIFIED:						
FOR FOOD.	-	-	-	-	753,700	76,263
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	-	-	276,800	11,656
TURTLES:						
GREEN	[illegible]	[illegible]	-	-	300	84
LOGGERHEAD.	[illegible]	[illegible]	-	-	300	23
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	30,769,100	3,513,597

SPECIES	TRAMMEL NET		LINES			
			HAND		TROLL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	28,300	871	-	-	-	-
AMBERJACK	-	-	44,800	3,802	-	-
ANGELFISH	200	11	900	39	-	-
BARRACUDA	-	-	2,000	191	-	-
BLUEFISH.	45,900	4,830	16,800	1,620	6,300	673
BLUE RUNNER	31,000	1,242	35,500	2,116	-	-
BONITO.	-	-	1,400	93	8,000	664
CABIO	-	-	44,500	3,821	6,800	680
CREVALLE.	23,200	766	29,100	1,097	7,000	252
CROAKER	52,000	6,656	139,000	26,715	-	-
DOLPHIN	-	-	[illegible]	19	37,800	5,895

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	TRAMMEL NETS		LINES			
			HAND		TROLL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
DRUM:						
BLACK	5,300	364	27,500	1,961	-	-
RED	59,300	10,310	70,700	12,283	2,000	388
FLOUNDERS	30,000	8,922	6,400	1,415	-	-
GROUPERS	-	-	6,308,900	1,263,069	-	-
GRUNTS	-	-	224,100	30,729	-	-
HOGFISH	-	-	21,800	4,844	-	-
JEWFISH	-	-	147,600	12,387	-	-
KING WHITING OR "KINGFISH"	5,500	410	500	69	-	-
MACKEREL:						
KING	800	148	135,900	23,494	203,700	35,029
SPANISH	126,800	14,183	130,000	15,193	88,900	10,350
MENHADEN	33,400	1,004	-	-	-	-
MOJARRA	-	-	5,300	550	-	-
MULLET:						
BLACK (LISA)	2,090,100	192,059	-	-	-	-
SILVER	10,300	870	-	-	-	-
PERMIT	100	15	8,400	1,173	-	-
PIGFISH	1,800	134	1,700	105	-	-
POMPANO	629,500	797,604	2,700	3,106	-	-
SCUP OR PORGY	-	-	89,100	12,834	-	-
SEA BASS, BLACK	-	-	19,900	2,174	-	-
SEA CATFISH	4,500	317	400	28	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	321,600	100,605	194,900	60,810	21,200	6,875
WHITE	43,000	3,513	8,600	958	1,300	140
SHARKS, UNCLASSIFIED	-	-	11,300	682	-	-
SHEEPSHEAD, SALTWATER	18,700	1,720	45,000	4,622	-	-
SNAPPERS:						
LANE	-	-	15,600	4,157	-	-
MANGROVE	18,900	3,530	360,400	110,799	-	-
MUTTON	-	-	274,200	100,587	-	-
RED	-	-	3,877,500	2,231,705	-	-
VERMILION	-	-	125,900	53,335	-	-
YELLOWTAIL	-	-	948,900	407,853	-	-
SPOT	56,100	4,854	2,100	214	-	-
TENPOUNDER	6,000	190	1,100	48	-	-
TILEFISH	-	-	13,600	2,444	-	-
TRIGGERFISH	-	-	40,400	3,700	-	-
TRIPLETAIL	-	-	100	7	-	-
WARSAW	-	-	166,100	21,429	-	-
UNCLASSIFIED:						
FOR FOOD	82,300	8,222	142,000	10,602	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	45,300	1,790	25,500	1,451	-	-
TURTLES, LOGGERHEAD	-	-	1,200	126	-	-
TOTAL	3,769,900	1,165,140	13,769,500	4,440,456	383,000	60,946

SPECIES	LINES - CONTINUED		DIP NETS			
	LONG OR SET WITH HOOKS		COMMON		DROP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	8,200	2,191	-	-	-	-
SEA CATFISH	10,400	735	-	-	-	-
SWORDFISH	1,200	474	-	-	-	-
LOBSTERS, SPINY	-	-	400	345	600	518
TOTAL	19,800	3,400	400	345	600	518

SPECIES	CAST NETS		SPEARS		DREDGES	
					SCALLOP, BAY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS	-	-	56,000	16,343	-	-
MULLET:						
BLACK (LISA)	13,500	1,135	-	-	-	-
SILVER	3,500	354	-	-	-	-
SCALLOPS, BAY	-	-	-	-	48,000	39,406
TOTAL	17,000	1,489	56,000	16,343	48,000	39,406

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	DREDGES - CONTINUED		TONGS			
	OTHER		OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:						
HARD, PUBLIC.	-	-	-	-	4,000	2,003
SUNRAY VENUS.	99,200	9,915	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	2,036,500	907,900	-	-
FALL.	-	-	1,279,200	566,271	-	-
PRIVATE:						
SPRING.	-	-	141,500	62,452	-	-
FALL.	-	-	60,300	26,618	-	-
TOTAL	99,200	9,915	3,517,500	1,563,241	4,000	2,003

SPECIES	HOOKS, SPONGE		DIVING OUTFITS	
			SPONGE	
	POUNDS	DOLLARS	POUNDS	DOLLARS
SPONGES:				
GRASS	800	1,013	-	-
SHEEPSWOOL.	3,900	22,593	22,400	192,226
YELLOW.	4,900	7,212	-	-
TOTAL	9,600	30,818	22,400	192,226

SPECIES	DIVING OUTFITS - CONTINUED		BY HAND, OYSTER	
	OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS
LOBSTERS, SPINY	300	259	-	-
OYSTERS, MARKET, PUBLIC:				
SPRING.	-	-	7,000	3,150
FALL.	-	-	4,200	1,890
TOTAL	300	259	11,200	5,040

SPONGE

GULF FISHERIES

ALABAMA

OPERATING UNITS BY GEAR, 1971

ITEM	OTTER TRAWLS, SHRIMP	POTS AND TRAPS		GILL NETS, RUNAROUND	TRAMMEL NETS
		CRAB	LOBSTER, SPINY		
	-NUMBER-				
FISHERMEN:					
ON VESSELS.	1,160	-	5	-	-
ON BOATS AND SHORE:					
REGULAR	171	88	-	14	95
CASUAL.	70	-	-	4	-
TOTAL	1,401	88	5	18	95
VESSELS, MOTOR.	456	-	1	-	-
GROSS TONNAGE	26,434	-	38	-	-
BOATS:					
MOTOR	169	80	-	14	72
OTHER	-	-	-	9	46
GEAR.	976	14,425	175	18	95

ITEM	LINES, HAND	SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-				
FISHERMEN:					
ON VESSELS.	78	-	13	-	1,255
ON BOATS AND SHORE:					
REGULAR	6	13	-	326	462
CASUAL.	42	32	-	133	241
TOTAL	126	45	13	459	1,958
VESSELS, MOTOR.	11	-	3	-	470
GROSS TONNAGE	669	-	59	-	27,185
BOATS:					
MOTOR	48	45	-	255	598
OTHER	-	-	-	33	82
GEAR.	124	45	6	459	-

ALABAMA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	OTTER TRAWLS, SHRIMP		POTS AND TRAPS			
			CRAB		LOBSTER, SPINY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	3,300	197	-	-	-	-
CABIO	7,900	444	-	-	-	-
CROAKER	8,284,400	1,015,081	-	-	-	-
DRUM:						
BLACK	14,000	732	-	-	-	-
RED	23,100	2,470	-	-	-	-
FLOUNDERS	909,700	141,052	-	-	-	-
GROUPERS.	6,900	676	-	-	-	-
JEWFISH	5,300	344	-	-	-	-
KING WHITING OR "KINGFISH".	515,900	30,662	-	-	-	-
MACKEREL, SPANISH	28,600	1,688	-	-	-	-
MULLET, BLACK (LISA). . . .	500	25	-	-	-	-
POMPANO	4,100	1,936	-	-	-	-
SEA CATFISH	83,400	4,312	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	2,900	681	-	-	-	-
WHITE	966,900	58,535	-	-	-	-
SHEEPSHEAD, SALTWATER . . .	293,600	15,431	-	-	-	-
SNAPPER, RED.	181,600	46,970	-	-	-	-
SPOT.	70,500	4,141	-	-	-	-
CRABS, BLUE, HARD	441,300	35,850	1,556,000	175,947	-	-
LOBSTERS, SPINY	-	-	-	-	132,600	121,281
SHRIMP, SALTWATER	16,712,800	11,451,469	-	-	-	-
SQUID	8,700	764	-	-	-	-
TOTAL	28,565,400	12,813,460	1,556,000	175,947	132,600	121,281

(CONTINUED ON NEXT PAGE)

ALABAMA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	GILL NETS, RUNAROUND		TRAMMEL NETS		LINES, HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	8,600	680	1,000	82	-	-
BLUE RUNNER	1,000	49	-	-	-	-
CROAKER	3,900	681	21,800	2,882	73,600	17,060
DRUM:						
BLACK	500	37	16,700	993	-	-
RED	500	133	7,900	1,161	200	21
FLOUNDERS	-	-	1,200	321	-	-
GROUPERS.	-	-	-	-	172,900	22,646
JEWFISH	-	-	-	-	36,200	3,858
KING WHITING OR "KINGFISH".	500	51	400	21	-	-
MULLET, BLACK (LISA). . . .	700	53	2,359,900	144,648	-	-
MACKEREL, SPANISH	25,200	2,591	1,500	126	500	87
POMPANO	1,000	574	100	24	-	-
SEA CATFISH	900	62	6,800	446	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	9,000	2,744	120,000	35,127	5,400	1,722
WHITE	600	54	12,500	857	-	-
SHEEPSHEAD, SALTWATER . . .	2,400	150	24,600	1,337	-	-
SNAPPER, RED.	-	-	-	-	757,600	294,074
SPOT.	-	-	18,300	1,131	-	-
TOTAL	54,800	7,859	2,592,700	189,156	1,046,400	339,468

SPECIES	SPEARS		DREDGES, OYSTER, COMMON		TONGS, OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS	39,900	13,249	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	-	-	39,200	23,893
FALL.	-	-	-	-	196,700	119,266
PRIVATE:						
SPRING.	-	-	2,700	1,635	7,100	4,425
FALL.	-	-	-	-	3,800	2,401
TOTAL	39,900	13,249	2,700	1,635	246,800	149,985

MISSISSIPPI

OPERATING UNITS BY GEAR, 1971

ITEM	PURSE SEINES, MENHADEN	OTTER TRAWLS		POTS AND TRAPS		GILL NETS, ANCHOR, SET, OR STAKE
		FISH	SHRIMP	CRAB	LOBSTER, SPINY	
	NUMBER					
FISHERMEN:						
ON VESSELS.	343	111	851	-	21	15
ON BOATS AND SHORE:						
REGULAR	-	-	254	25	-	-
CASUAL.	-	-	420	40	-	-
TOTAL	343	111	1,525	65	21	15
VESSELS, MOTOR.	20	37	344	-	4	3
GROSS TONNAGE	6,098	4,320	15,997	-	261	109
BOATS, MOTOR.	39	-	618	53	-	-
GEAR.	20	70	1,164	4,050	900	3

(CONTINUED ON NEXT PAGE)

MISSISSIPPI - OPERATING UNITS BY GEAR, 1971 - Continued

ITEM	GILL NETS-CONTINUED	TRAMMEL NETS	LINES, HAND	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	RUNAROUND					
	NUMBER					
FISHERMEN:						
ON VESSELS	-	20	184	330	-	1,683
ON BOATS AND SHORE:						
REGULAR	6	12	-	50	260	439
CASUAL	-	14	1	14	220	535
TOTAL	6	46	185	394	480	2,657
VESSELS, MOTOR	-	5	20	88	-	443
GROSS TONNAGE	-	130	1,401	2,002	-	27,623
BOATS:						
MOTOR	4	32	-	30	475	1,022
OTHER	-	3	-	-	-	3
GEAR	4	27	165	236	475	-

MISSISSIPPI - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	PURSE SEINES, MENHADEN		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CROAKER	-	-	56,500	4,708	362,300	40,611
DRUM:						
BLACK	-	-	100	6	3,200	188
RED	-	-	1,400	130	13,900	806
FLOUNDERS	-	-	16,500	2,438	155,200	20,926
GROUPERS	-	-	200	16	1,400	110
KING WHITING OR "KINGFISH"	-	-	52,200	4,133	256,500	18,770
MACKEREL, SPANISH	-	-	700	56	4,400	354
MENHADEN	308,350,800	4,822,854	-	-	-	-
SEA CATFISH	-	-	44,800	2,241	15,500	785
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	-	-	200	30
WHITE	-	-	25,600	1,701	127,800	7,528
SHEEPSHEAD, SALTWATER	-	-	3,100	237	27,200	1,491
SNAPPER, RED	-	-	6,100	713	11,600	1,696
SPOT	-	-	500	27	2,000	113
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	71,382,600	1,400,334	-	-
SHRIMP, SALTWATER	-	-	-	-	9,589,100	4,361,889
TOTAL	308,350,800	4,822,854	71,590,300	1,416,740	10,570,300	4,455,297

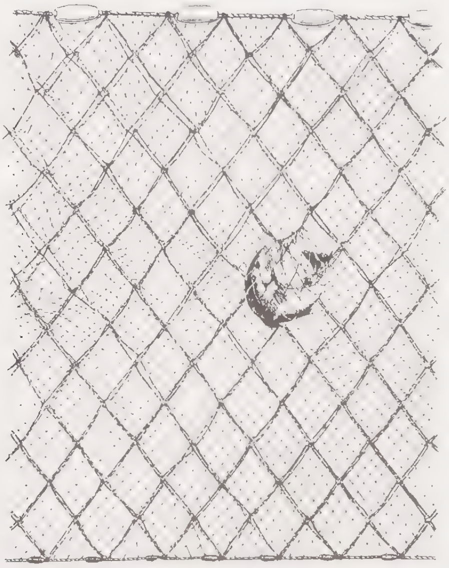
SPECIES	POTS AND TRAPS				GILL NETS	
	CRAB		LOBSTER, SPINY		ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	-	-	7,700	770
CROAKER	-	-	-	-	15,400	2,340
DRUM:						
BLACK	-	-	-	-	5,300	318
RED	-	-	-	-	8,900	1,335
FLOUNDERS	-	-	-	-	300	45
KING WHITING OR "KINGFISH"	-	-	-	-	1,500	120
MACKEREL, SPANISH	-	-	-	-	164,500	18,940
MULLET, BLACK (LISA)	-	-	-	-	16,600	906
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	-	-	179,000	45,200
WHITE	-	-	-	-	2,100	198
SHEEPSHEAD, SALTWATER	-	-	-	-	7,600	608
CRABS, BLUE, HARD	1,259,200	125,923	-	-	-	-
LOBSTERS, SPINY	-	-	373,500	336,060	-	-
TOTAL	1,259,200	125,923	373,500	336,060	408,900	70,780

(CONTINUED ON NEXT PAGE)

MISSISSIPPI - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	GILL NETS - CONTINUED RUNAROUND		TRAMMEL NETS		LINES, HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	1,500	150	300	30
CROAKER	-	-	3,200	451	60,300	11,568
DRUM:						
BLACK	300	17	11,800	706	-	-
RED	1,000	150	33,400	4,902	200	16
GROUPERS	-	-	-	-	226,600	33,978
KING WHITING OR "KINGFISH"	200	16	1,700	134	-	-
MACKEREL, SPANISH	-	-	9,600	1,057	-	-
MULLET, BLACK (LISA)	30,000	1,500	130,100	7,414	-	-
SEA CATFISH	-	-	400	21	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	17,200	4,330	196,400	48,699	600	138
WHITE	-	-	2,100	158	5,600	604
SHEEPSHEAD, SALTWATER	900	72	20,000	1,594	-	-
SNAPPER, RED	-	-	-	-	2,381,300	883,441
SPOT	400	20	700	49	-	-
TOTAL	50,000	6,105	410,900	65,335	2,674,900	929,775

SPECIES	DREDGES, OYSTER, COMMON		TONGS, OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS
OYSTER, MARKET, PUBLIC:				
SPRING	1,043,400	388,481	17,400	8,221
FALL	83,000	37,870	70,700	37,702
TOTAL	1,126,400	426,351	88,100	45,923



TRAMMEL NET

GULF FISHERIES
LOUISIANA
OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	BUTTERFLY NETS, SHRIMP	OTTER TRAWLS		FYKE AND HOOP NETS, FISH
				FISH	SHRIMP	
	-NUMBER-					
FISHERMEN:						
ON VESSELS	-	1,152	30	36	4,063	-
ON BOATS AND SHORE:						
REGULAR	18	-	796	4	2,808	203
CASUAL	-	-	56	-	1,448	162
TOTAL	18	1,152	882	40	8,319	365
VESSELS, MOTOR	-	68	15	15	1,517	-
GROSS TONNAGE	-	26,237	290	952	94,590	-
BOATS:						
MOTOR	6	136	570	2	3,465	349
OTHER	1	-	-	-	-	-
GEAR	6	68	1,190	23	6,291	14,360

ITEM	POTS AND TRAPS			GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES
	CRAB	CRAWFISH	FISH			HAND
	-NUMBER-					
FISHERMEN:						
ON VESSELS	-	-	-	3	3	25
ON BOATS AND SHORE:						
REGULAR	530	125	91	125	207	43
CASUAL	136	132	15	98	46	156
TOTAL	666	257	106	226	256	224
VESSELS, MOTOR	-	-	-	1	1	7
GROSS TONNAGE	-	-	-	18	19	373
BOATS:						
MOTOR	601	257	104	196	172	186
OTHER	-	-	-	-	36	-
GEAR	84,070	24,320	1,863	229	153	226

ITEM	LINES - CONTINUED		DIP NETS		DREDGES, OYSTER, COMMON
	LONG OR SET WITH HOOKS	TROT WITH BAITS	COMMON	DROP	
	-NUMBER-				
FISHERMEN:					
ON VESSELS	-	-	-	-	632
ON BOATS AND SHORE:					
REGULAR	407	292	6	30	359
CASUAL	248	49	2	50	40
TOTAL	655	341	8	80	1,031
VESSELS, MOTOR	-	-	-	-	231
GROSS TONNAGE	-	-	-	-	4,592
BOATS, MOTOR	654	325	6	72	214
GEAR	1,140	629	8	6,816	823

ITEM	TONGS, OYSTER	BRUSH TRAPS	GRABS, FROG	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-				
FISHERMEN:					
ON VESSELS	-		-	-	5,838
ON BOATS AND SHORE:					
REGULAR	100	110	16	26	3,382
CASUAL	6	38	-	-	1,868
TOTAL	106	148	16	26	11,088
VESSELS, MOTOR	-	-	-	-	1,808
GROSS TONNAGE	-	-	-	-	125,414
BOATS:					
MOTOR	72	148	16	13	4,426
OTHER	-	-	-	-	36
GEAR	106	43,150	16	-	-

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		BUTTERFLY NETS, SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
DRUM:						
BLACK	19,600	1,156	-	-	-	-
RED	16,200	2,595	-	-	-	-
FLOUNDERS	900	151	-	-	-	-
GARFISH	24,900	1,858	-	-	-	-
HERRING, THREAD	-	-	3,723,900	59,144	-	-
MACKEREL, SPANISH	1,000	110	-	-	-	-
MENHADEN	-	-	1,237,092,900	20,014,923	-	-
MULLET, BLACK (LISA)	300	17	-	-	-	-
SEA CATFISH	100	6	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	22,500	5,861	-	-	-	-
WHITE	600	72	-	-	-	-
SHARKS	600	31	-	-	-	-
SHEEPSHEAD, SALTWATER	12,900	667	-	-	-	-
TRIPLETAIL	100	7	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	3,125,600	50,009	-	-
SHRIMP, SALTWATER	-	-	-	-	3,272,700	986,484
TOTAL	99,700	12,531	1,243,942,400	20,124,076	3,272,700	986,484

SPECIES	OTTER TRAWLS				FYKE AND HOOP NETS, FISH	
	FISH		SHRIMP			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	-	-	-	-	4,200	118
BUFFALOFISH	-	-	-	-	413,300	55,917
CABIO	-	-	3,600	284	-	-
CARP	-	-	-	-	13,800	989
CATFISH AND BULLHEADS	-	-	-	-	1,432,600	408,624
CROAKER	-	-	252,200	34,764	-	-
DRUM:						
BLACK	-	-	37,700	2,843	-	-
RED	-	-	17,400	3,205	-	-
FLOUNDERS	-	-	436,200	71,866	-	-
GARFISH	-	-	-	-	5,300	318
GROUPERS	-	-	2,900	256	-	-
JEWFISH	-	-	2,400	213	-	-
KING WHITING OR "KINGFISH"	-	-	411,800	31,215	-	-
MACKEREL, SPANISH	-	-	36,800	2,844	-	-
MULLET, BLACK (LISA)	-	-	2,300	117	-	-
POMPANO	-	-	18,900	16,317	-	-
SAWFISH	-	-	200	8	-	-
SEA CATFISH	-	-	47,800	3,408	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	43,300	9,812	-	-
WHITE	-	-	41,200	4,903	-	-
SHARKS	-	-	200	11	-	-
SHEEPSHEAD:						
FRESHWATER	-	-	-	-	170,500	14,921
SALTWATER	-	-	26,500	1,693	-	-
SNAPPER, RED	4,000	1,120	133,700	45,493	-	-
SPOT	-	-	13,200	740	-	-
TRIPLETAIL	-	-	7,500	649	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	21,133,600	357,637	-	-	-	-
CRABS, BLUE:						
HARD	-	-	1,064,500	68,291	-	-
SOFT AND PEELER	-	-	5,800	3,274	-	-
SHRIMP, SALTWATER	-	-	89,203,500	42,297,424	-	-
SQUID	-	-	3,100	206	-	-
TERRAPIN	-	-	700	229	-	-
TURTLES:						
SEA	-	-	7,900	1,856	-	-
SNAPPER	-	-	-	-	200	49
TOTAL	21,137,600	358,757	91,821,300	42,601,921	2,039,900	480,936

SPECIES	POTS AND TRAPS					
	CRAB		CRAWFISH		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	-	-	-	-	178,100	51,914
CRABS, BLUE:						
HARD	9,385,700	1,032,144	-	-	-	-
SOFT AND PEELER	30,300	31,616	-	-	-	-
CRAWFISH, FRESHWATER	-	-	1,541,500	328,885	-	-
TOTAL	9,416,000	1,063,760	1,541,500	328,885	178,100	51,914

(CONTINUED ON NEXT PAGE)

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS		LINES	
					HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	126,400	17,231	46,100	6,091	-	-
CARP.	2,800	113	900	32	-	-
CATFISH AND BULLHEADS . . .	454,200	124,933	126,600	36,087	2,100	691
CROAKER	-	-	42,200	5,021	-	-
DRUM:						
BLACK	41,500	3,168	402,500	28,343	4,500	265
RED	42,300	8,509	636,000	120,239	11,800	2,201
FLOUNDERS	1,700	227	24,400	5,133	200	36
GARFISH	351,800	31,335	2,400	187	800	71
KING WHITING OR "KINGFISH".	-	-	19,300	1,275	-	-
MACKEREL, SPANISH	-	-	1,800	151	100	9
MULLET, BLACK (LISA). . . .	600	23	4,900	231	-	-
PADDLEFISH.	1,300	97	-	-	-	-
POMPANO	-	-	200	186	200	218
SEA CATFISH	-	-	9,600	1,189	100	8
SEA TROUT OR WEAKFISH:						
SPOTTED	400	110	1,029,500	274,072	26,100	6,708
WHITE	5,100	504	80,000	9,322	4,400	628
SHEEPSHEAD:						
FRESHWATER.	18,500	1,765	9,400	963	-	-
SALTWATER	27,100	1,253	170,200	9,862	2,100	105
SNAPPER, RED.	-	-	-	-	23,900	7,075
SPOT.	300	18	4,900	362	-	-
TURTLES, SNAPPER.	-	-	-	-	6,800	1,644
TOTAL.	1,074,000	189,286	2,610,900	498,746	83,100	19,659

SPECIES	LINES - CONTINUED				DIP NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS		COMMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	10,200	1,416	-	-	-	-
CARP.	200	7	-	-	-	-
CATFISH AND BULLHEADS . . .	1,157,200	330,326	-	-	-	-
GARFISH	71,000	6,568	-	-	-	-
SEA CATFISH	7,600	1,457	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	300	93	-	-	-	-
WHITE	400	51	-	-	-	-
SHEEPSHEAD:						
FRESHWATER.	2,100	250	-	-	-	-
SALTWATER	600	52	-	-	-	-
CRABS, BLUE:						
HARD.	-	-	1,733,600	155,254	-	-
SOFT AND PEELER	-	-	400	183	31,500	26,689
TURTLES, SNAPPER.	900	260	-	-	-	-
TOTAL.	1,250,500	340,480	1,734,000	155,437	31,500	26,689

SPECIES	DIP NETS - CONTINUED		DREDGES, OYSTER, COMMON		TONGS, OYSTER	
	DROP					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE:						
HARD.	2,000	184	-	-	-	-
SOFT AND PEELER	2,300	2,588	-	-	-	-
CRAWFISH, FRESHWATER. . . .	600	126	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	648,300	251,243	18,500	6,460
FALL.	-	-	143,300	88,297	1,300	752
PRIVATE:						
SPRING.	-	-	7,215,400	2,793,983	135,900	47,021
FALL.	-	-	2,338,500	1,437,943	9,100	5,259
TOTAL.	4,900	2,898	10,345,500	4,571,466	164,800	59,492

(CONTINUED ON NEXT PAGE)

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	BRUSH TRAPS		GRABS, FROG		BY HAND, OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE, SOFT AND PEELER	56,500	61,391	-	-	-	-
SHRIMP, FRESHWATER.	5,000	1,220	-	-	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING.	-	-	-	-	15,900	5,813
FALL.	-	-	-	-	1,100	524
FROGS	-	-	5,100	3,[illegible]	-	-
TOTAL	61,500	62,611	5,100	3,[illegible]	17,000	6,337

TEXAS

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, SHRIMP	POTS AND TRAPS, CRAB	GILL NETS	TRAMMEL NETS	LINES
					ANCHOR, SET, OR STAKE		HAND
	NUMBER						
FISHERMEN:							
ON VESSELS.	-	255	5,247	-	-	-	159
ON BOATS AND SHORE:							
REGULAR	48	-	553	74	24	62	-
CASUAL.	10	-	205	14		-	259
TOTAL	58	255	6,005	88	24	62	418
VESSELS, MOTOR.	-	15	1,931	-	-	-	30
GROSS TONNAGE	-	4,492	128,446	-	-	-	1,618
BOATS:							
MOTOR	18	30	506	88	24	54	144
OTHER	-	-	-	-	-	10	-
GEAR.	18	15	3,986	12,700	24	54	415

ITEM	LINES - CONTINUED		SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS	TROT.WITH BAITS					
	NUMBER						
FISHERMEN:							
ON VESSELS.	-	-	-	408	-	-	5,852
ON BOATS AND SHORE:							
REGULAR	114	2	36	141	50	2	754
CASUAL.	46	-	25	-	-	-	470
TOTAL	160	2	61	549	50	2	7,076
VESSELS, MOTOR.	-	-	-	176	-	-	2,046
GROSS TONNAGE	-	-	-	3,127	-	-	135,689
BOATS:							
MOTOR	150	2	42	73	29	-	881
OTHER	-	-	-	-	-	-	10
GEAR.	150	2	61	249	23	-	-

TEXAS - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS, SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CROAKER	7,300	376	-	-	27,100	1,636
DRUM:						
BLACK	66,100	6,199	-	-	22,800	2,455
RED	186,100	43,522	-	-	3,400	791
FLOUNDERS, UNCLASSIFIED . .	100	25	-	-	256,400	59,072
GROUPERS.	-	-	-	-	16,300	1,569
KING WHITING OR "KINGFISH".	200	17	-	-	80,000	5,842
MENHADEN.	-	-	62,930,400	1,050,008	-	-
MULLET, BLACK (LISA). . . .	22,700	745	-	-	74,000	2,964
POMPANO	900	407	-	-	-	-
SEA CATFISH	600	85	-	-	43,900	2,792
SEA TROUT OR WEAKFISH:						
SPOTTED	270,400	61,927	-	-	1,700	416
WHITE	-	-	-	-	1,300	131
SHEEPSHEAD, SALTWATER . . .	4,000	286	-	-	93,900	6,716
SNAPPER, RED.	-	-	-	-	157,100	59,213
UNCLASSIFIED:						
FOR FOOD.	8,200	402	-	-	93,000	5,088
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	-	-	46,300	1,730
CRABS, BLUE, HARD	-	-	-	-	295,400	21,659
SHRIMP.	-	-	-	-	86,904,800	64,191,148
SQUID	-	-	-	-	9,500	1,508
TOTAL	566,600	113,991	62,930,400	1,050,008	88,126,900	64,364,730

SPECIES	POTS AND TRAPS, CRAB		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	-	-	17,000	3,000	-	-
CROAKER	-	-	700	33	1,500	96
DRUM:						
BLACK	-	-	43,000	4,170	201,200	21,603
RED	-	-	75,400	17,788	323,100	77,947
FLOUNDERS, UNCLASSIFIED . .	-	-	-	-	4,300	1,137
GARFISH	-	-	20,000	1,000	-	-
GROUPERS.	-	-	-	-	-	-
MULLET, BLACK (LISA). . . .	-	-	-	-	900	127
POMPANO	-	-	-	-	200	73
SEA CATFISH	-	-	-	-	100	5
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	45,800	10,716	386,400	92,554
WHITE	-	-	-	-	600	76
SHEEPSHEAD, SALTWATER . . .	-	-	-	-	13,400	1,235
UNCLASSIFIED, FOR FOOD. . .	-	-	4,500	181	-	-
CRABS, BLUE, HARD	5,496,100	544,043	-	-	-	-
TOTAL	5,496,100	544,043	206,400	36,888	931,700	194,853

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CABIO	14,700	1,580	-	-	-	-
CATFISH AND BULLHEADS . . .	-	-	3,000	900	-	-
CROAKER	100	3	17,900	798	-	-
DRUM:						
BLACK	17,700	1,696	787,600	80,677	-	-
RED	35,900	8,794	1,366,800	335,484	-	-
FLOUNDERS, UNCLASSIFIED . .	-	-	32,800	8,279	-	-
GROUPERS.	121,300	11,890	-	-	-	-
POMPANO	1,200	604	1,100	522	-	-
SEA TROUT OR WEAKFISH,						
SPOTTED.	40,400	9,873	742,700	181,877	-	-
SHEEPSHEAD, SALTWATER . . .	-	-	22,400	1,485	-	-
SNAPPER, RED.	925,300	435,914	-	-	-	-
UNCLASSIFIED, FOR FOOD. . .	-	-	6,400	325	-	-
CRABS, BLUE, HARD	-	-	-	-	18,100	1,470
TOTAL	1,156,600	470,354	2,980,700	610,347	18,100	1,470

GULF FISHERIES

TEXAS - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	SPEARS		DREDGES, OYSTER, COMMON		TONGS, OYSTER		BY HAND, OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, UNCLASSIFIED . .	25,500	7,090	-	-	-	-	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING.	-	-	2,629,200	1,406,563	19,900	8,963	1,500	648
FALL.	-	-	1,809,200	813,713	4,400	2,917	-	-
PRIVATE:								
SPRING.	-	-	121,100	58,718	-	-	-	-
FALL.	-	-	159,000	86,392	-	-	-	-
TOTAL	25,500	7,090	4,718,500	2,365,386	24,300	11,880	1,500	648

GULF SHRIMP FISHERY

SUMMARY OF GULF SHRIMP LANDINGS, 1971

SIZE	BROWN		PINK	
	POUNDS	DOLLARS	POUNDS	DOLLARS
UNDER 15.	2,125,615	3,957,250	97,788	166,509
15 - 20	7,761,870	12,865,122	962,652	1,376,826
21 - 25	8,204,874	12,859,408	1,659,082	2,335,222
26 - 30	8,528,689	11,075,756	1,917,859	2,297,518
31 - 40	18,470,366	19,098,341	2,421,497	2,407,099
41 - 50	11,124,953	9,155,547	2,130,608	1,708,044
51 - 67	8,202,746	5,429,389	2,880,882	1,660,016
68 AND OVER	22,868,285	7,246,384	657,886	195,510
PIECES.	577,385	316,009	34,419	21,179
TOTAL	87,864,783	82,003,206	12,762,673	12,167,923

SIZE	WHITE		SEA BOBS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
UNDER 15.	1,306,023	2,484,518	-	-
15 - 20	4,352,700	7,608,438	-	-
21 - 25	5,438,540	8,536,388	-	-
26 - 30	4,441,449	5,680,609	-	-
31 - 40	6,996,859	7,174,710	-	-
41 - 50	4,023,204	3,397,573	-	-
51 - 67	5,426,549	3,702,389	-	-
68 AND OVER	9,970,238	3,231,204	319,641	52,970
PIECES.	108,628	54,244	-	-
TOTAL	42,064,190	41,870,073	319,641	52,970

SIZE	ROYAL RED		ROCK		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
UNDER 15.	-	-	-	-	3,529,426	6,608,277
15 - 20	1,520	2,214	-	-	13,078,742	21,852,600
21 - 25	1,094	1,370	-	-	15,303,590	23,732,388
26 - 30	360	439	-	-	14,888,357	19,054,322
31 - 40	50,726	45,366	-	-	27,939,448	28,725,516
41 - 50	8,412	6,005	-	-	17,287,177	14,267,169
51 - 67	1,432	744	-	-	16,511,609	10,792,538
68 AND OVER	537	190	880	249	33,817,467	10,726,507
PIECES.	-	-	-	-	720,432	391,432
TOTAL	64,081	56,328	880	249	143,076,248	136,150,749

NOTE:--ALL WEIGHTS ARE ON A HEADS-OFF BASIS. LANDINGS FIGURES REPRESENT THE HEADS-OFF WEIGHT AND, THEREFORE ARE NOT DIRECTLY COMPARABLE WITH THE HEADS-ON (LIVE WEIGHT) QUANTITIES PUBLISHED IN THE GENERAL REVIEW AND REGIONAL TABLES. POUNDS OF HEADS-OFF SHRIMP MAY BE CONVERTED TO HEADS-ON (ROUND) WEIGHT BY MULTIPLYING BROWN SHRIMP WEIGHT BY 1.61; PINK, BY 1.60; WHITE, BY 1.54; SEA BOBS, BY 1.53; ROYAL RED, BY 1.80; AND ROCK SHRIMP BY 1.67.

SHRIMP LANDINGS AND VALUE SHOWN HERE ARE SLIGHTLY LESS THAN IN THE GENERAL REVIEW AND REGIONAL TABLES BECAUSE THOSE TABLES INCLUDE MISSISSIPPI SHRIMP LANDINGS USED FOR BAIT.

GULF SHRIMP LANDINGS BY SPECIES AND SIZE, 1971

SPECIES AND SIZE	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BROWN:						
UNDER 15.	11,461	19,167	155,796	279,412	10,721	17,507
15 - 20	159,093	254,808	822,584	1,336,582	104,479	151,911
21 - 25	140,386	216,153	908,917	1,405,168	108,466	164,525
26 - 30	113,224	150,012	1,120,931	1,507,407	228,359	293,634
31 - 40	300,460	298,459	1,727,353	1,922,207	510,109	503,549
41 - 50	179,619	139,809	1,210,836	976,103	736,311	554,872
51 - 67	196,792	127,198	943,594	601,524	1,357,710	798,965
68 AND OVER	40,328	20,211	1,398,383	598,486	1,905,774	794,960
PIECES.	-	-	6,360	2,014	-	-
TOTAL	1,141,363	1,225,817	8,294,754	8,628,903	4,961,929	3,279,923
PINK:						
UNDER 15.	54,670	89,524	5,012	9,661	-	-
15 - 20	838,345	1,187,518	5,238	9,095	2,073	3,430
21 - 25	1,494,561	2,096,915	8,418	13,408	11,146	18,527
26 - 30	1,765,346	2,110,665	9,771	12,848	9,966	13,362
31 - 40	2,024,712	1,986,851	6,395	7,044	25,827	27,285
41 - 50	1,915,178	1,519,292	11,263	9,314	49,168	35,156
51 - 67	2,698,703	1,509,900	8,169	6,181	49,684	26,866
68 AND OVER	569,185	159,854	42,233	18,077	-	-
PIECES.	319	77	-	-	-	-
TOTAL	11,361,019	10,660,596	96,499	85,628	147,864	124,626
WHITE:						
UNDER 15.	5,876	10,002	122,258	234,596	8,216	14,944
15 - 20	97,048	170,688	463,718	811,194	73,520	120,636
21 - 25	181,485	277,651	362,132	571,337	101,233	156,249
26 - 30	157,120	199,229	221,715	292,989	98,789	127,278
31 - 40	152,650	148,897	383,623	401,525	159,716	167,093
41 - 50	113,088	92,026	322,919	285,522	63,468	55,141
51 - 67	143,516	92,946	160,253	116,998	145,141	107,288
68 AND OVER	166,868	62,254	35,579	17,696	166,093	85,516
PIECES.	114	26	3,289	1,063	-	-
TOTAL	1,017,765	1,053,719	2,075,486	2,732,920	816,176	834,145
SEA BOBS.	9,221	1,358	-	-	1,300	416
ROYAL RED:						
21 - 25	409	414	-	-	-	-
31 - 40	43,101	38,102	4,100	4,018	-	-
41 - 50	6,641	4,658	-	-	-	-
51 - 67	582	199	-	-	-	-
68 AND OVER	17	2	-	-	-	-
TOTAL	50,750	43,375	4,100	4,018	-	-
ROCK.	880	249	-	-	-	-
GRAND TOTAL	13,580,998	12,985,114	10,470,839	11,451,469	5,927,269	4,239,110

SPECIES AND SIZE	LOUISIANA		TEXAS		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BROWN:						
UNDER 15.	642,165	1,152,892	1,305,472	2,488,272	2,125,615	3,957,250
15 - 20	760,830	1,304,257	5,914,884	9,817,564	7,761,870	12,865,122
21 - 25	952,522	1,464,285	6,094,583	9,609,277	8,204,874	12,859,408
26 - 30	882,532	1,148,561	6,183,643	7,976,142	8,528,689	11,075,756
31 - 40	2,711,953	2,740,018	13,220,491	13,634,108	18,470,366	19,098,341
41 - 50	2,255,162	1,829,335	6,743,025	5,655,428	11,124,953	9,155,547
51 - 67	3,155,808	1,994,507	2,548,842	1,907,195	8,202,746	5,429,389
68 AND OVER	17,949,998	5,342,342	1,573,802	490,385	22,868,285	7,246,384
PIECES.	56,805	23,642	514,220	290,353	577,385	316,009
TOTAL	29,367,775	16,999,839	44,098,962	51,868,724	87,864,783	82,003,206

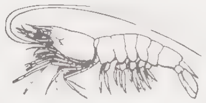
SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GULF SHRIMP LANDINGS BY SPECIES AND SIZE, 1971 - Continued

SPECIES AND SIZE	LOUISIANA		TEXAS		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
PINK:						
UNDER 15	-	-	38,106	67,324	97,788	166,509
15 - 20	2,900	4,368	114,096	172,415	962,652	1,376,826
21 - 25	1,573	2,184	143,384	204,188	1,659,082	2,335,222
26 - 30	4,190	4,893	128,586	155,750	1,917,859	2,297,518
31 - 40	4,815	4,519	359,748	381,400	2,421,497	2,407,099
41 - 50	3,440	2,631	151,559	141,651	2,130,608	1,708,044
51 - 67	840	552	123,486	116,517	2,880,882	1,660,016
68 AND OVER	45,396	16,921	1,072	658	657,886	195,510
PIECES	1	-	34,099	21,102	34,419	21,179
TOTAL	63,155	36,068	1,094,136	1,261,005	12,762,673	12,167,923
WHITE:						
UNDER 15	785,474	1,502,219	384,199	722,757	1,306,023	2,484,518
15 - 20	2,107,253	3,794,553	1,611,161	2,711,367	4,352,700	7,608,438
21 - 25	2,932,619	4,664,932	1,861,071	2,866,219	5,438,540	8,536,388
26 - 30	2,935,938	3,745,151	1,027,887	1,315,962	4,441,449	5,680,609
31 - 40	4,574,893	4,646,823	1,725,977	1,810,372	6,996,859	7,174,710
41 - 50	2,791,412	2,333,820	732,317	631,064	4,023,204	3,397,573
51 - 67	4,002,762	2,711,753	974,877	673,404	5,426,549	3,702,389
68 AND OVER	8,787,603	2,750,346	814,095	315,392	9,970,238	3,231,204
PIECES	86,799	43,834	18,426	9,321	108,628	54,244
TOTAL	29,004,753	26,193,431	9,150,010	11,055,858	42,064,190	41,870,073
SEA BOBS	267,135	45,635	41,985	5,561	319,641	52,970
ROYAL RED:						
15 - 20	1,520	2,214	-	-	1,520	2,214
21 - 25	685	956	-	-	1,094	1,370
26 - 30	360	439	-	-	360	439
31 - 40	3,525	3,246	-	-	50,726	45,366
41 - 50	1,771	1,347	-	-	8,412	6,005
51 - 67	850	545	-	-	1,432	744
68 AND OVER	520	188	-	-	537	190
TOTAL	9,231	8,935	-	-	64,081	56,328
ROCK	-	-	-	-	880	249
GRAND TOTAL	58,712,049	43,283,908	54,385,093	64,191,148	143,076,248	136,150,749

SEE NOTE ON PAGE 223.



SHRIMP

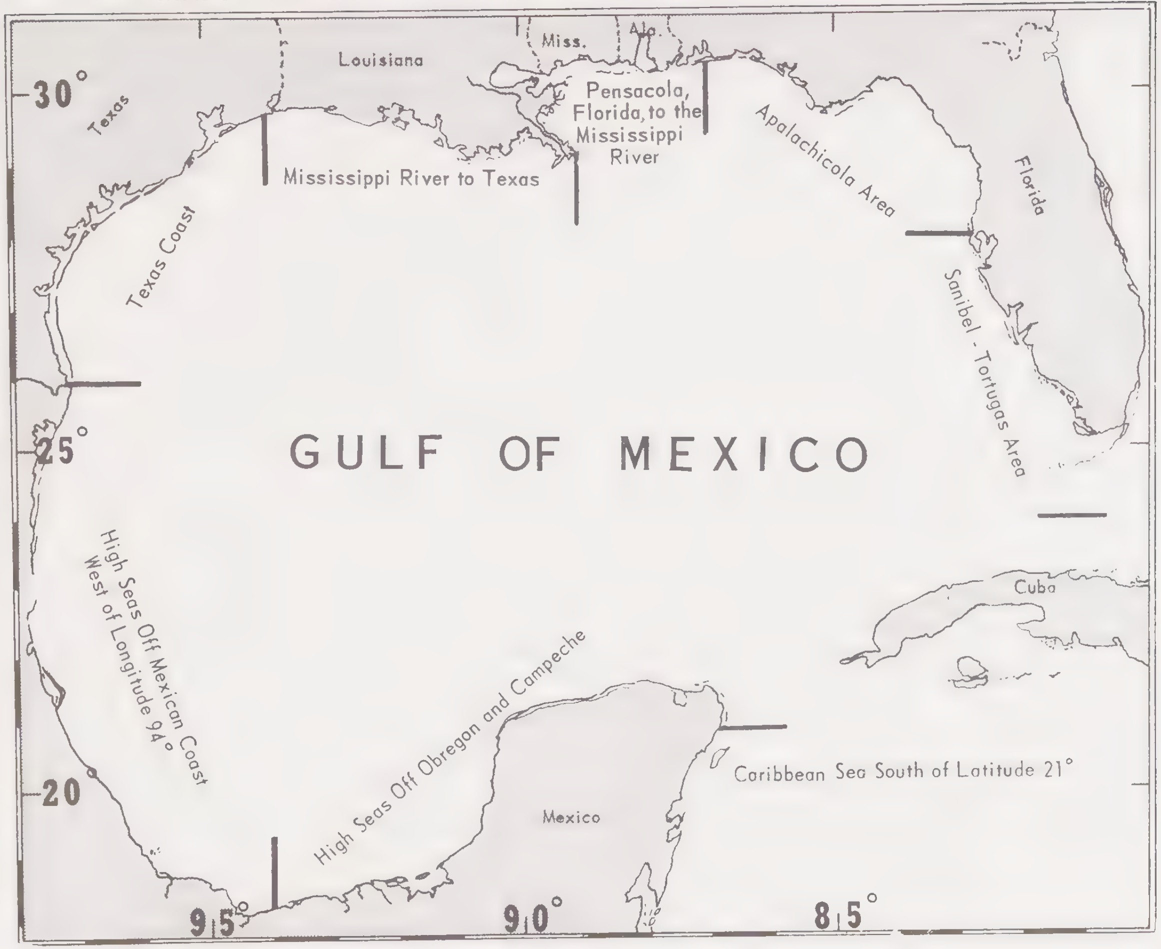
SOUTH ATLANTIC AND GULF COAST SHRIMP LANDINGS, 1971

SPECIES AND SIZE	SOUTH ATLANTIC COAST		GULF COAST		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BROWN:						
UNDER 15	-	-	2,125,615	3,957,250	2,125,615	3,957,250
15 - 20	145,634	232,773	7,761,870	12,865,122	7,907,504	13,097,895
21 - 25	1,081,833	1,557,019	8,204,874	12,859,408	9,286,707	14,416,427
26 - 30	843,425	1,059,609	8,528,689	11,075,756	9,372,114	12,135,365
31 - 40	1,997,194	2,062,828	18,470,366	19,098,341	20,467,560	21,161,169
41 - 50	1,218,920	1,010,392	11,124,953	9,155,547	12,343,873	10,165,939
51 - 67	643,512	432,602	8,202,746	5,429,389	8,846,258	5,861,991
68 AND OVER	134,363	59,705	22,868,285	7,246,384	23,002,648	7,306,089
PIECES	-	-	577,385	316,009	577,385	316,009
TOTAL	6,064,881	6,414,928	87,864,783	82,003,206	93,929,664	88,418,134
PINK:						
UNDER 15	-	-	97,788	166,509	97,788	166,509
15 - 20	-	-	962,652	1,376,826	962,652	1,376,826
21 - 25	-	-	1,659,082	2,335,222	1,659,082	2,335,222
26 - 30	31,837	36,612	1,917,859	2,297,518	1,949,696	2,334,130
31 - 40	190,323	190,979	2,421,497	2,407,099	2,611,820	2,598,078
41 - 50	324,433	277,943	2,130,608	1,708,044	2,455,041	1,985,987
51 - 67	516,064	360,718	2,880,882	1,660,016	3,396,946	2,020,734
68 AND OVER	134,003	74,757	657,886	195,510	791,889	270,267
PIECES	-	-	34,419	21,179	34,419	21,179
TOTAL	1,196,660	941,009	12,762,673	12,167,923	13,959,333	13,108,932
WHITE:						
UNDER 15	-	-	1,306,023	2,484,518	1,306,023	2,484,518
15 - 20	168,456	295,536	4,352,700	7,608,438	4,521,156	7,903,974
21 - 25	1,910,951	3,135,280	5,438,540	8,536,388	7,349,491	11,671,668
26 - 30	2,004,238	2,713,584	4,441,449	5,680,609	6,445,687	8,394,193
31 - 40	3,175,224	3,383,470	6,996,859	7,174,710	10,172,083	10,558,180
41 - 50	2,333,347	2,078,490	4,023,204	3,397,573	6,356,551	5,476,063
51 - 67	2,107,840	1,513,595	5,426,549	3,702,389	7,534,389	5,215,984
68 AND OVER	648,292	260,733	9,970,238	3,231,204	10,618,530	3,491,937
PIECES	-	-	108,628	54,244	108,628	54,244
TOTAL	12,348,348	13,380,688	42,064,190	41,870,073	54,412,538	55,250,761
SEA BOBS	-	-	319,641	52,970	319,641	52,970
ROYAL RED:						
15 - 20	3,737	4,660	1,520	2,214	5,257	6,874
21 - 25	32,665	37,712	1,094	1,370	33,759	39,082
26 - 30	-	-	360	439	360	439
31 - 40	12,664	11,116	50,726	45,366	63,390	56,482
41 - 50	36,796	27,219	8,412	6,005	45,208	33,224
51 - 67	1,423	442	1,432	744	2,855	1,186
68 AND OVER	-	-	537	190	537	190
TOTAL	87,285	81,149	64,081	56,328	151,366	137,477
ROCK	-	-	880	249	880	249
GRAND TOTAL	19,697,174	20,817,774	143,076,248	136,150,749	162,773,422	156,968,523

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON WEIGHT MULTIPLY BY 1.61 FOR BROWN; 1.60 FOR PINK; 1.54 FOR WHITE; 1.53 FOR SEA BOBS; 1.80 FOR ROYAL RED; AND 1.67 FOR ROCK SHRIMP. THE STATES LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: WHITE SHRIMP (MOSTLY PENAEUS SETIFERUS), BROWN SHRIMP (MOSTLY PENAEUS AZTECUS), PINK SHRIMP (MOSTLY PENAEUS DUORARUM), SEA BOBS (MOSTLY XIPHOPENAEUS KROYERI), ROYAL RED SHRIMP (MOSTLY HYMENOPENAEUS ROBUSTUS), AND ROCK SHRIMP (SICYONIA SPS.). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSELS FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVOLVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSEL. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT, OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

SHRIMP LANDINGS AND VALUE SHOWN HERE ARE SLIGHTLY LESS THAN IN THE GENERAL REVIEW AND REGIONAL TABLES.

MAJOR SHRIMP CATCH STATISTICAL AREAS, GULF OF MEXICO


30°
Texas
Louisiana
Miss.
Ala.
Pensacola, Florida, to the Mississippi River
Mississippi River to Texas
Apalachicola Area
Florida
Texas Coast
Sanibel - Tortugas Area
25°
GULF OF MEXICO
High Seas Off Mexican Coast West of Longitude 94°
Cuba
High Seas Off Obregon and Campeche
Caribbean Sea South of Latitude 21°
20
Mexico
95°
90°
85°

GULF COAST SHRIMP CATCH BY AREA, DEPTH, AND SIZE, 1971

MAJOR WATER AREA, DEPTH, AND SPECIES	TRIPS	SIZE (HEADS-OFF PER POUND)								TOTAL
		UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER 1/	
	NUMBER	POUNDS								
SANIBEL AND TORTUGAS										
0 - 5 FATHOMS: PINK		311	1,394	3,221	18,714	23,903	2,473	1,144	69	51,229
6 - 20 FATHOMS: PINK		8,541	435,062	1,214,787	1,093,539	1,425,925	1,662,447	2,548,957	575,826	8,965,084
21 - 35 FATHOMS: PINK		1,786	181,994	77,764	50,034	44,185	15,780	3,905	233	375,681
21 - 250 FATHOMS: ROYAL RED		-	-	409	-	26,152	6,641	582	17	33,801
TOTAL	6,366.0	10,638	618,450	1,296,181	1,162,287	1,520,165	1,687,341	2,554,588	576,145	9,425,795
APALACHICOLA AREA										
0 - 5 FATHOMS: BROWN		-	1,512	2,079	8,238	77,049	71,830	119,787	22,970	303,465
PINK		1,335	1,111	4,841	13,217	36,615	47,032	89,529	63,944	257,624
WHITE		65	15,683	61,523	91,701	118,791	96,686	140,442	165,111	690,002
SEA BOBS		9,221	-	-	-	-	-	-	-	9,221
ROCK		113	-	-	-	-	-	-	-	113
6 - 15 FATHOMS: BROWN		-	2,044	-	-	753	-	1,844	-	4,641
WHITE		55	102	575	745	672	88	363	1,871	4,471
6 - 20 FATHOMS: PINK		43,216	140,958	60,369	27,044	54,039	58,820	30,888	8,099	423,433
21 - 235 FATHOMS: ROYAL RED		-	-	-	-	16,949	-	-	-	16,949
TOTAL	6,426.2	54,005	161,410	129,387	140,945	304,868	274,456	382,853	261,995	1,709,919
PENSACOLA TO MISSISSIPPI RIVER										
0 - 5 FATHOMS: BROWN		260	2,023	10,890	76,013	407,005	633,284	1,472,008	3,038,478	5,639,961
PINK		-	-	378	2,884	3,081	5,170	8,398	4,384	24,295
WHITE		10,799	70,258	103,676	126,044	238,664	193,359	528,998	303,216	1,575,014
SEA BOBS		34,338	-	-	-	-	-	-	-	34,338
6 - 20 FATHOMS: BROWN		15,150	81,878	189,898	493,177	1,834,928	1,539,560	1,361,185	1,590,186	7,105,962
PINK		3,886	6,509	13,147	14,514	27,146	51,426	49,169	3,343	169,140
WHITE		80,152	324,995	289,123	190,713	376,274	290,903	148,116	43,084	1,743,360
21 - 30 FATHOMS: PINK		-	2,597	-	-	-	-	-	-	2,597
21 - 35 FATHOMS: WHITE		1,412	5,192	5,898	5,030	6,977	465	718	59	25,751
21 - 45 FATHOMS: BROWN		83,437	531,586	676,532	732,191	287,359	64,596	13,244	4,128	2,393,073
21 - 210 FATHOMS: ROYAL RED		-	-	-	-	4,100	-	-	-	4,100
TOTAL	24,379.9	229,434	1,025,038	1,289,542	1,640,566	3,185,534	2,778,763	3,581,836	4,986,878	18,717,591
MISSISSIPPI RIVER TO TEXAS										
0 - 5 FATHOMS: BROWN		766	1,768	14,817	55,546	528,687	881,477	1,555,813	15,939,021	18,977,895
WHITE		84,153	441,330	1,066,684	1,856,437	3,079,817	2,007,196	2,915,121	8,595,953	20,046,691
SEA BOBS		268,730	-	-	-	-	-	-	-	268,730
6 - 10 FATHOMS: PINK		-	275	-	578	606	12	-	-	1,471
SEA BOBS		7,352	-	-	-	-	-	-	-	7,352
6 - 20 FATHOMS: BROWN		158,611	397,384	549,173	736,467	2,641,404	1,404,147	1,303,351	760,641	7,951,178
WHITE		736,519	1,928,077	2,115,546	1,201,386	1,543,004	742,752	747,682	297,609	9,312,575
21 - 25 FATHOMS: PINK		-	-	1,240	-	-	-	-	-	1,240
21 - 40 FATHOMS: WHITE		10,545	32,731	34,635	31,125	42,264	12,990	8,826	922	174,038
21 - 55 FATHOMS: BROWN		713,088	2,050,663	895,997	461,073	429,059	120,827	49,399	26,115	4,746,221
21 - 105 FATHOMS: ROYAL RED		-	1,520	685	360	3,525	1,771	850	520	9,231
TOTAL	131,774.5	1,979,764	4,853,748	4,678,777	4,342,972	8,268,366	5,171,172	6,581,042	25,620,781	61,496,622
TEXAS COAST										
0 - 5 FATHOMS: BROWN		275	710	2,223	4,900	50,457	31,808	152,436	1,508,164	1,750,973
PINK		-	-	-	-	28	-	-	-	28
WHITE		121,318	544,819	918,172	567,358	994,351	506,335	785,213	623,727	5,061,293
6 - 20 FATHOMS: BROWN		198,146	1,464,207	2,411,222	3,767,296	9,329,035	4,948,501	1,395,689	205,636	23,719,732
PINK		145	720	1,920	697	1,100	-	45	100	4,727
WHITE		242,510	929,643	831,949	363,988	585,880	168,527	149,475	45,938	3,317,910
21 - 35 FATHOMS: WHITE		700	15,202	1,585	1,986	2,623	693	50	391	23,230
21 - 45 FATHOMS: BROWN		488,876	2,059,638	2,120,120	1,370,188	1,382,954	603,675	321,183	155,480	8,502,114
TOTAL	56,128.4	1,051,970	5,014,939	6,287,191	6,076,413	12,346,428	6,259,539	2,804,091	2,539,436	42,380,007

SEE FOOTNOTES AT END OF TABLE.

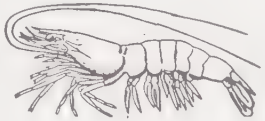
(CONTINUED ON NEXT PAGE)

GULF COAST SHRIMP CATCH BY AREA, DEPTH, AND SIZE, 1971 - Continued

MAJOR WATER AREA, DEPTH, AND SPECIES	TRIPS	SIZE (HEADS-OFF PER POUND)								TOTAL
		UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER 1/	
	NUMBER	POUNDS								
HIGH SEAS OFF MEXICAN COAST WEST OF 94 LONGITUDE										
6 - 10 FATHOMS: PINK		25	265	130	220	311	520	105	159	1,735
6 - 20 FATHOMS: BROWN		12,104	44,940	40,185	40,894	121,637	80,288	122,278	12,290	474,616
WHITE		10,855	13,040	7,200	4,287	5,737	2,875	1,485	825	46,304
21 - 25 FATHOMS: PINK		10	95	50	40	50	5	-	-	250
21 - 35 FATHOMS: WHITE		10	35	95	-	-	-	-	-	140
21 - 45 FATHOMS: BROWN		430,135	1,036,424	1,228,593	751,239	1,323,501	679,146	308,165	172,661	5,929,864
TOTAL	41.3	453,139	1,094,799	1,276,253	796,680	1,451,236	762,834	432,033	185,935	6,452,909
HIGH SEAS OFF OBREGON AND CAMPECHE										
0 - 5 FATHOMS: PINK		-	-	-	-	-	1,970	-	-	1,970
6 - 20 FATHOMS: BROWN		1,612	2,345	7,580	5,110	3,708	6,590	1,363	990	29,298
PINK		5,368	82,627	116,415	283,193	415,214	130,503	49,665	18,628	1,101,613
WHITE		4,480	23,959	715	328	445	335	60	160	30,482
P. BRAZIL.		-	2,625	1,667	11,940	3,680	3,900	-	-	23,812
21 - 25 FATHOMS: ROCK		767	-	-	-	-	-	-	-	767
21 - 30 FATHOMS: WHITE		2,450	7,165	625	35	383	-	-	-	10,658
P. BRAZIL.		265	5,865	5,695	1,820	15,021	8,335	9,775	916	47,692
21 - 35 FATHOMS: PINK		32,370	98,137	168,469	397,715	369,750	141,175	80,697	16,439	1,304,752
21 - 45 FATHOMS: BROWN		22,070	80,413	45,305	19,855	30,625	9,894	5,501	7,105	220,768
TOTAL	611.0	69,382	303,136	346,471	719,996	838,826	302,702	147,061	44,238	2,771,812
CARIBBEAN SEA SOUTH OF 21 NORTH LATITUDE										
6 - 20 FATHOMS: PINK		-	4,153	-	-	-	3,910	-	-	8,063
21 - 35 FATHOMS: BROWN		1,085	4,335	9,320	6,380	23,285	49,330	17,180	1,805	112,720
TOTAL	13.0	1,085	8,488	9,320	6,380	23,285	53,240	17,180	1,805	120,783
ATLANTIC OCEAN										
0 - 5 FATHOMS: WHITE		-	-	-	120	-	-	-	-	120
6 - 10 FATHOMS: BROWN		-	-	-	122	-	-	-	-	122
6 - 15 FATHOMS: WHITE		-	469	539	166	1,325	-	-	-	2,499
TOTAL	8.7	-	469	539	408	1,325	-	-	-	2,741
GRAND TOTAL	[illegible]7,949.0	3,[illegible]49,417	13,0[illegible]0,477	15,313,66[illegible]	14,[illegible],647	7,[illegible]40,035	7,[illegible]90,047	16,[illegible]00,654	24,[illegible]17,1[illegible]	14[illegible],[illegible],1[illegible]

1/ INCLUDES PIECES.

NOTE:-- THESE DATA REPRESENT THE CATCH OF VESSELS COMPLETING TRIPS DURING THE YEAR, REGARDLESS OF WHEN LANDINGS OCCURRED. CONSEQUENTLY, THE DATA ARE NOT DIRECTLY COMPARABLE WITH THOSE PRESENTED IN THE TABLE WHICH REPRESENT LANDINGS. A SINGLE TRIP IS SHOWN FOR EACH VOYAGE. ADDITIONAL TABULATIONS CONCERNING THE GULF OF MEXICO CATCH OF SHRIMP IN MORE DETAIL BY AREA, DEPTH, SIZE, AND FISHING EFFORT MAY BE OBTAINED UPON REQUEST FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL MARINE FISHERIES SERVICE, STATISTICS AND MARKET NEWS DIVISION, 3300 WHITEHAVEN STREET, N.W., WASHINGTON, D.C. 20235.



SECTION 7 - PACIFIC COAST FISHERIES

The commercial fisheries of the Pacific Coast States (Alaska, Washington, Oregon, and California) had landings of 1.3 billion pounds worth $219.2 million--a decline of 210.7 million pounds (14 percent) and $15.8 million (7 percent) compared with 1970. Principal cause of the decrease was sharp declines in landings of anchovies, halibut, sea herring, salmon, albacore and yellowfin tuna, dungeness crabs, and ocean perch; and smaller declines in landings of flounders, snow crabs, and rockfishes. Landings of several major species, however, such as bonito, jack mackerel, king crabs, shrimp, and squid increased compared with 1970.

The Pacific Coast States had 25 percent of the volume and 34 percent of the value of U.S. landings, and exceeded all other areas in value. California led in both volume and value of landings with 583.4 million pounds (46 percent) worth $86.4 million (39 percent). Alaska was next with 471.2 million pounds (37 percent) worth $83.8 million (38 percent). Washington and Oregon together supplied the remaining 214.5 million pounds worth $49.0 million.

Fishermen and vessels. The Pacific Coast States had 43,435 fishermen using 5,717 vessels (5 net tons or more) and 16,832 motor boats--an increase of 1,293 fishermen, 271 vessels, and 863 motor boats compared with 1970.

Processed products. The value of processed seafood items was $573.2 million--a decline of $6.5 million compared with 1970. California led with products valued at $290.9 million, followed by Alaska with $176.8 million; Washington, $58.1 million; and Oregon, $47.4 million. Canned fishery products accounted for 73 percent of the total value of processed items. The four States had 15,487 persons employed in 551 wholesaling and processing plants.

Anchovies. Landings in California were 89.7 million pounds--a decline of 102.8 million (53 percent) compared with the record harvest of 1970. Two factors contributed to the sharp decline in production: (1) the amount of time lost from fishing because of price disputes and (2) the catch quotas established because of possibly polluted water in Los Angeles Harbor.

The 1971-72 season was the seventh consecutive year for the anchovy reduction fishery. The season in the northern permit area opened August 1, 1971, with a catch quota of 10,000 tons; and in the southern permit area on September 15, 1971, with a quota of 100,000 tons. Both quotas were the same as in the previous season. Exvessel prices of anchovy for reduction declined from $23 per ton in January to $21 per ton in September, and finally to $19.50 per ton in December.

Bonito. Landings of 20.3 million pounds were 11.1 million more than in 1970, and second only to the record 21.2 million pounds taken in 1967. Fishermen received between $140 and $160 per ton for 3-to 4-pound fish; and between $165 and $185 per ton for fish over 4 pounds.

Clams. Landings yielded 910,000 pounds of clam meats--4 percent more than in 1970. Washington accounted for 87 percent of the total. Landings there of 153,000 pounds of geoduck clams increased 132,000 pounds compared with 1970. The huge clams were abundant, and the Washington State Department of Fisheries found, in monitoring the fishery, that all deepwater areas currently containing geoducks had maximum populations and that harvesting increased their re-seeding and growth. Experiments also proved that small geoducks, 2-to-3-inches long, will thrive when transplanted to suitable bottom sites. Compared with 1970, the harvest of hard clams in Washington (464,000 pounds) declined 1 percent and razor clams (170,000 pounds) declined 40 percent. In Alaska and Oregon, however, landings of razor clams increased moderately compared with 1970.

Dungeness crabs. Landings of 41.6 million pounds worth $10.5 million declined 16.9 million pounds (29 percent) and $1.6 million (13 percent) compared with the record volume and value of 1970. Landings declined in all States. Compared with 1970, landings in Alaska of 3.7 million pounds were down 61 percent; in Washington, 13.3 million (down 28 percent); and in California, 9.7 million pounds (down 37 percent). Oregon landings of 14.9 million pounds were about the same as in 1970. The sharp decline in Alaska landings was principally in the Kodiak area. As a result of the smaller production, receipts of crabs and leg sections at Seattle, Wash., decreased to 350,000 pounds--a sharp decline from the usual annual receipts of about 3.5 million pounds.

King crabs. Landings were 70.7 million pounds worth $19.1 million--a gain of 18.6 million pounds (36 percent) and $5.9 million (45 percent) compared with 1970. It was the first time that landings of king crabs had increased since 1966, when fishermen landed a record 159.2 million pounds. It appeared that 1970 regulations made by the Alaska Department of Fish and Game on closures quotas, and limitations of number of crab pots were successful in helping to conserve the resource.

The 1971 season opened August 15, and for the first time the Alaska Department of Fish and Game set a season quota on the Kodiak king crab fishery. Fishermen caught the quota of 10.2 million pounds in the record time of 2-1/2 months, indicating an increase in the availability of the resource. It was the shortest season on record for the Kodiak area, but the production increased significantly compared with 1970.

Snow crabs. Landings of 12.9 million pounds worth $1.4 million were 1.6 million pounds and $48,000 less than the record volume and value of the previous year. The pack of canned snow crab meat also declined from the record 42,527 standard cases packed in 1970 to 27,123 cases in 1971.

Difficulties in processing and marketing appeared to be the principal reason for the decline of the snow crab fishery, rather than lack of available supplies of crabs. The fishing effort expended in 1971 was only about one-half as much as in 1970. The main fishing grounds continued to be the Kodiak, Cook Inlet, and the South Alaska Peninsula areas.

Halibut. Landings by the combined United States and Canadian halibut fleets were 46.7 million pounds (dressed weight)--15 percent less than in 1970 and the smallest since 1932. For the fourth consecutive year, Canadian fishermen landed more halibut (55 percent of the production) than United States fishermen. The International Pacific Halibut Commission set a 1971 catch quota of 50 million pounds, but fishermen were unable to reach the quota by the statutory closing date of November 1, 1971. Among the factors contributing to the smaller landings were (1) sharply decreased catches per unit of effort, (2) the diversion of many halibut vessels to the profitable northwest albacore tuna fishery, (3) extremely stormy weather toward the end of the season, and (4) foreign fleets fishing off the Alaska coast.

U.S. Pacific halibut landings of 28.2 million pounds (round weight) worth $6.6 million declined 6.2 million pounds (18 percent) and $2.2 million (25 percent) compared with 1970. Pacific Coast fishermen received an average price of 23 cents per pound--2 cents less than in 1970.

Jack mackerel. Landings in California were 59.9 million pounds--12.2 million more than in 1970, but a decline of 7.5 million compared with the 1961-70 average of 67.4 million pounds. Landings were the best since 1965.

Pacific mackerel. In an effort to conserve the dwindling Pacific mackerel resource, the California State Legislature approved legislation prohibiting commercial fishing for Pacific mackerel for 2 years. The law became effective in August 1970. Landings of Pacific mackerel in 1971 were only 156,000 pounds. The mackerel exvessel price was $80 per ton throughout the year.

Salmon. Landings of 331.8 million pounds worth $80.7 million were 78.3 million pounds (19 percent) and $18.0 million (18 percent) less than in 1970. Sharp declines in Alaska landings of red (sockeye) and pink salmon were the principal reasons for the decrease.

PACIFIC COAST FISHERIES

Landings of salmon in Alaska were 251.7 million pounds worth $51.4 million--a decline of 94.8 million pounds (27 percent) and $16.6 million (24 percent) compared with 1970. Alaska accounted for 76 percent of the total landings and 64 percent of the total value. Landings of 87.3 million pounds of red salmon declined 42 percent compared with the excellent production of 1970. The red salmon run to the five districts of Bristol Bay reached 14.8 million fish, of which 9.6 million were taken by commercial fishermen. Landings of pink salmon were 86.3 million pounds--compared with 117.7 million in 1970, a 27-percent decline and the smallest harvest since 1967. Despite a marked decline in pink salmon landings in most areas, the fishery in Prince William Sound produced 7.3 million fish, the best since 1962. No catch quotas were in effect; and fishermen landed their catches in such volume that local canneries lacked the capacity to process the fish. As a result, large quantities of fish were transported from Prince William Sound to Kodiak, Seward, Port Graham, and Anchorage for processing.

In Washington, landings of 55.0 million pounds worth $18.9 million increased 46 percent in volume and 14 percent in value compared with 1970. Landings of pink and red salmon increased sharply--reflecting the spectacular Fraser River runs of these species in 1971. The International Pacific Salmon Commission had predicted a total return of 5 million pink salmon in the Fraser River but the run was actually 94 percent greater than predicted. Pink salmon landings of 12.8 million pounds were the best since the 1967 cycle year. Landings of red salmon were 18.5 million pounds--a gain of 9.7 million and the best since 1958.

Oregon landings were 17.0 million pounds worth $5.7 million--a decrease of 13 percent in volume and 37 percent in value compared with 1970. Smaller landings of both chinook and silver salmon accounted for the decline.

In California, landings of 8.1 million pounds were 23 percent more than in 1970, because of an improved harvest of silver salmon. The ocean troll fishery for chinook and silver salmon opened April 15 and closed September 30. No other commercial salmon fishing gear has been permitted in California since the gill net fishery on the Sacramento River was banned at the end of the 1957 season.

The total pack of canned salmon was 3,509,400 standard cases worth $137.8 million--a decline of 312,800 cases (8 percent) and $851,700 (1 percent) compared with 1970. The entire decline was in Alaska where the pack of 2,899,000 standard cases was down about 665,000 cases because of smaller packs of pink and red salmon. Compared with 1970, the Washington pack of canned salmon (459,900 cases) increased 281,900 cases and the Oregon pack (150,500 cases) increased 70,800 cases.

Shrimp. Landings of a record 107.8 million pounds (heads-on) worth a record $5.5 million increased 14.9 million pounds and $50,000 compared with 1970, the former record year. The Alaska fishery with record landings of 94.9 million pounds was 28 percent greater than in 1970, and accounted for the gain. The fishery for Alaska pink shrimp at Kodiak Island expanded rapidly. The number of shrimp processors in Kodiak increased from four in 1970 to eight in 1971, and the number of vessels increased from 20 to 40. The annual catch for some of the larger vessels was nearly 10 million pounds. In April 1971, the Alaska Department of Fish and Game set an annual quota of 58 million pounds in historic inshore shrimp-producing areas. Fishermen did not reach this quota, however, because most of the catches were made in a nonquota area, the Marmot Bay region. In Oregon, landings of 9.1 million pounds declined 33 percent compared with the record 1970 production; and, in Washington, landings of 741,000 pounds were 23 percent less than in 1970 and the smallest since 1966. The decline in the shrimp fisheries in Oregon and Washington was the result principally of the failure of the 1969 year-class of Pacific pink shrimp. In California, landings of 3.1 million pounds were 24 percent less than the record harvest of 1970. The smaller landings resulted mainly from a price dispute early in the season that delayed the start of the fishery.

PACIFIC COAST FISHERIES

Tuna. Landings of 325.9 million pounds worth $70.1 million declined 52.5 million pounds (14 percent) and $1.4 million (2 percent) compared with 1970. A sharp decline in the yellowfin tuna harvest and a slighter decline in albacore tuna caused the smaller production. Landings of skipjack and bluefin tuna, however, increased moderately.

Albacore landings of 49.8 million pounds worth $15.2 million were 11 percent less in volume, but 1 percent greater in value than in 1970. The best albacore fishing in 1971 was off the coasts of northern and central California, where 36.1 million pounds(72 percent of the total) were landed. Compared with 1970, Washington landings (5.3 million pounds) increased slightly but Oregon landings (8.4 million) declined 61 percent. The albacore fishery along the Pacific northwest coast depends on the northern movements of the fish as they follow warm waters to the northern extreme of their range. In 1971, it became apparent that the fish were not as plentiful in the area as in some former years. Albacore fishermen received a record exvessel price of $630 per ton. In addition to the exvessel price, processors agreed to pay $10 per ton into a fund for use in albacore research and exploration. The American Fishermen's Research Foundation was established and administered jointly by fishermen and processors. The primary objective of the foundation, to search intensively for albacore, was carried forward successfully during the 1971 season.

Landings of bluefin tuna in California were 17.3 million pounds worth $3.5 million--a gain of 8.6 million pounds and $1.9 million compared with 1970. The harvest was the best since 1966. Fishermen received an average price of 20.5 cents per pound, compared with 18.4 cents in 1970. The fishery for bluefin tuna had a relatively early start with the first sizeable catches taken during the second and third weeks in May. In September, the season reached peak production; by October, few fish were available.

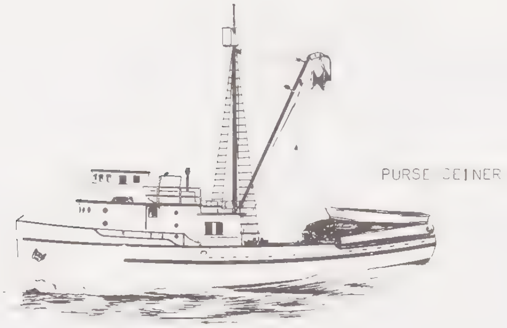
The harvest of skipjack tuna was 102.1 million pounds worth $18.8 million--25.2 million pounds and $6.6 million more than in 1970. An excellent fishery developed, especially during the first half of the year. Landings were the best since 1967, and the second best since 1958. Based on sales at auction, presailing prices were $361 to $378 per ton for premium skipjack and $338 to $354 per ton for skipjack under 5 pounds.

Landings of yellowfin tuna were 156.7 million pounds--a decline of 80.0 million (34 percent) compared with the record production of 1970. The value ($32.7 million) was 24 percent less than in 1970. Fishermen received an average price of 21 cents per pound--compared with 18 cents in 1970.

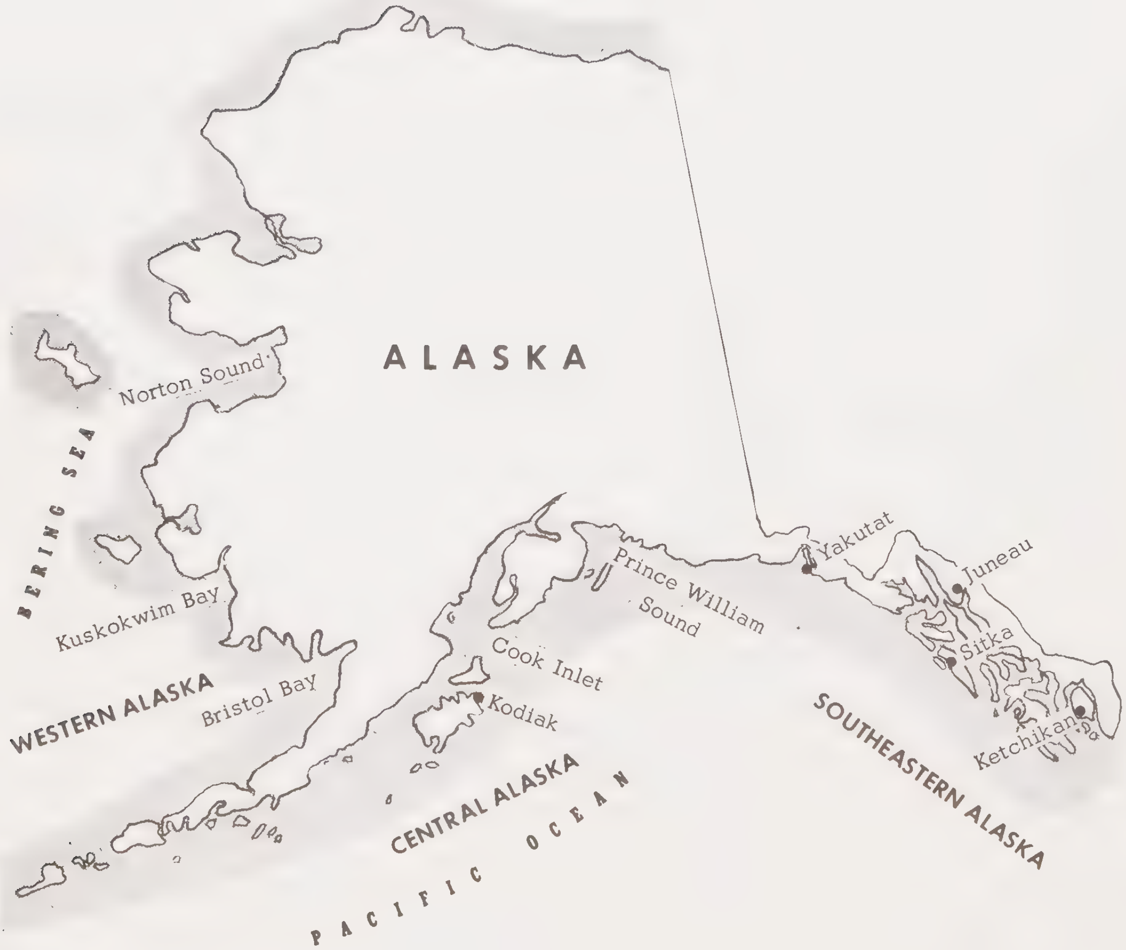
In accordance with the recommendation of the Inter-American Tropical Tuna Commission, the 1971 quota of yellowfin tuna from the eastern tropical Pacific was set at 140,000 short tons. When the season closed on April 9, fishermen had taken about 82 percent of the quota. It was the sixth consecutive year that this fishery operated under a quota system designed to maintain the yellowfin population at the maximum sustainable yield. Based on sales at auction, presailing prices were $411 to $423 per ton for yellowfin tuna.

Acknowledgments. The following organizations helped collect the data appearing in this section: Alaska Department of Fish and Game, Washington Department of Fisheries, Oregon Fish Commission, and California Department of Fish and Game.

PACIFIC COAST FISHERIES

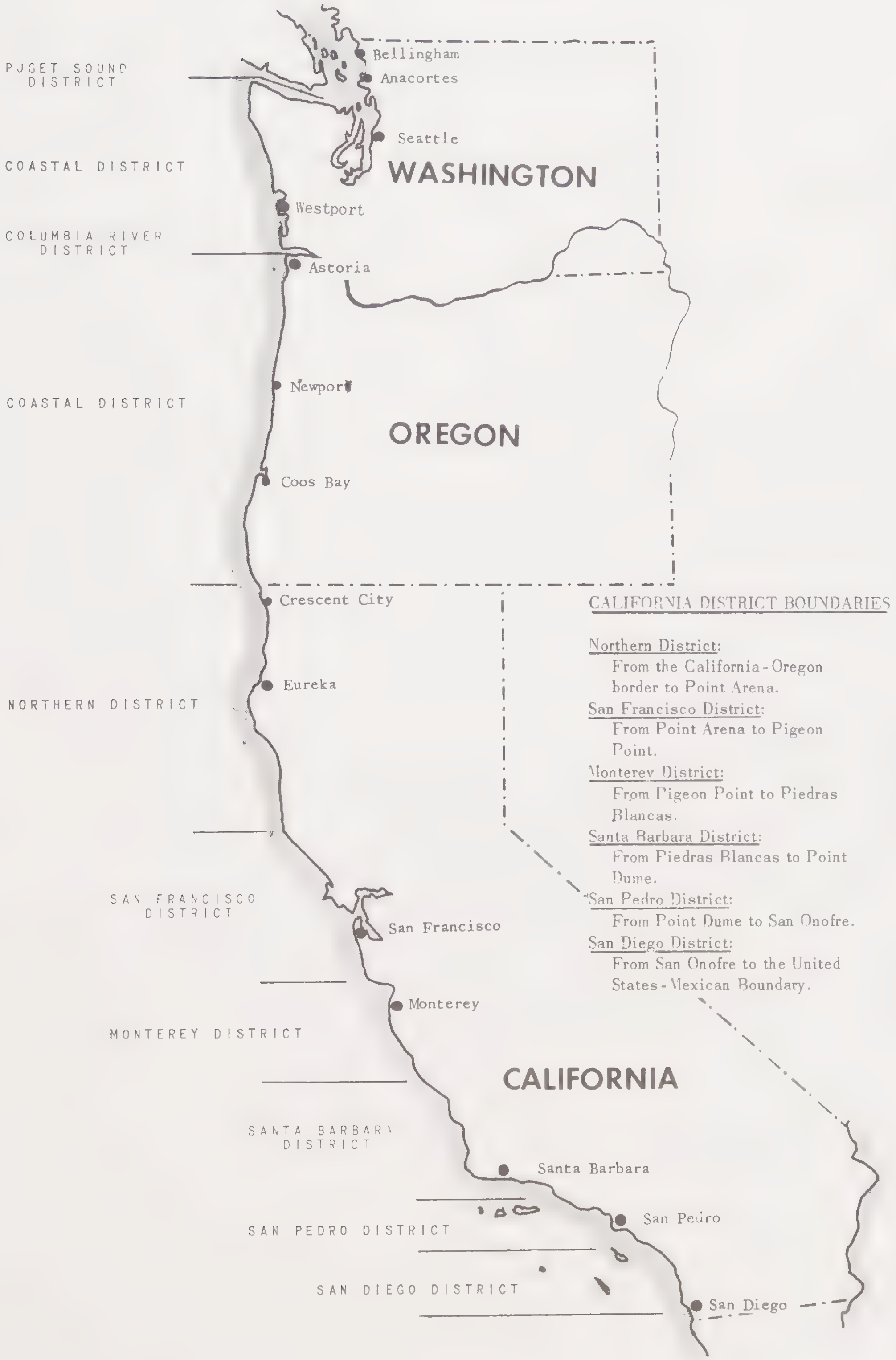

PURSE SEINER

PACIFIC COAST STATES


ALASKA
BERING SEA
Norton Sound
Kuskokwim Bay
Bristol Bay
WESTERN ALASKA
Cook Inlet
Kodiak
CENTRAL ALASKA
PACIFIC OCEAN
Prince William Sound
Yakutat
Juneau
Sitka
Ketchikan
SOUTHEASTERN ALASKA

PACIFIC COAST FISHERIES

PACIFIC COAST STATES - Continued


PUGET SOUND DISTRICT
Bellingham
Anacortes
Seattle
COASTAL DISTRICT
WASHINGTON
Westport
COLUMBIA RIVER DISTRICT
Astoria
COASTAL DISTRICT
Newport
OREGON
Coos Bay
Crescent City
Eureka
NORTHERN DISTRICT
SAN FRANCISCO DISTRICT
San Francisco
Monterey
MONTEREY DISTRICT
CALIFORNIA
SANTA BARBARA DISTRICT
Santa Barbara
SAN PEDRO DISTRICT
San Pedro
SAN DIEGO DISTRICT
San Diego

CALIFORNIA DISTRICT BOUNDARIES

Northern District:
From the California-Oregon border to Point Arena.

San Francisco District:
From Point Arena to Pigeon Point.

Monterey District:
From Pigeon Point to Piedras Blancas.

Santa Barbara District:
From Piedras Blancas to Point Dume.

San Pedro District:
From Point Dume to San Onofre.

San Diego District:
From San Onofre to the United States-Mexican Boundary.

PACIFIC COAST FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1971

STATE	FISH		SHELLFISH ET AL.		WHALE PRODUCTS		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
ALASKA	287	57	184	26	-	-	471	84
WASHINGTON	115	25	22	7	-	-	137	32
OREGON	53	11	24	6	-	-	78	17
CALIFORNIA	533	80	49	6	1	(1)	583	86
TOTAL	989	174	279	45	1	(1)	1,269	219

1/ LESS THAN $500,000.

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1971

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN:					
ON VESSELS	9,812	4,251	2,199	7,404	19,782
ON BOATS AND SHORE	9,432	6,489	2,641	5,211	23,653
TOTAL	19,244	10,740	4,840	12,615	43,435
VESSELS, MOTOR	2,377	1,617	1,000	1,994	5,717
GROSS TONNAGE	70,763	39,459	24,599	108,456	205,176
BOATS:					
MOTOR	7,770	4,717	2,102	2,335	16,832
OTHER	-	234	10	-	244
GEAR:					
HAUL SEINES	-	137	8	2	147
PURSE SEINES AND LAMPARA NETS:					
ANCHOVY	-	-	-	41	41
HERRING	181	7	-	-	188
MACKEREL AND SARDINE	-	-	-	65	65
SALMON	1,214	277	-	-	1,365
SQUID	-	-	-	22	22
TUNA	-	-	1	132	133
OTHER	-	-	-	114	114
BEAM TRAWLS:					
SHRIMP	10	1	-	-	11
OTHER	-	3	-	-	3
OTTER TRAWLS:					
FISH	19	79	50	202	335
SHRIMP	58	8	58	28	129
BRUSH WEIRS	-	1	-	-	1
POUND NETS	-	3	-	-	3
FLOATING TRAPS	14	-	-	-	14
POTS AND TRAPS:					
CRAB:					
DUNGENESS	16,950	41,807	60,525	47,450	157,432
KING	29,228	-	-	-	29,228
SNOW	16,474	-	-	-	16,474
CRAWFISH	-	1,150	1,750	2,800	5,700
FISH	-	100	-	2,210	2,310
LOBSTER, SPINY	-	-	-	10,700	10,700
OCTOPUS	-	65	-	-	65
SHRIMP	2,950	915	-	111	3,976
GILL NETS:					
ANCHOR, SET, OR STAKE:					
SALMON	2,047	382	127	-	2,556
OTHER	-	-	50	-	50
DRIFT:					
BARRACUDA	-	-	-	36	36
SALMON	4,215	1,451	449	-	6,053
SEA BASS	-	-	-	96	96
SHAD	-	-	35	-	35
OTHER	-	17	20	344	381
TRAMMEL NETS	-	-	-	11	11
LINES:					
HAND:					
ROCKFISH	-	-	-	35	35
TUNA:					
ALBACORE	-	100	64	1,359	1,461
YELLOWFIN	-	-	-	1,035	1,035
OTHER	-	42	-	7,331	7,373

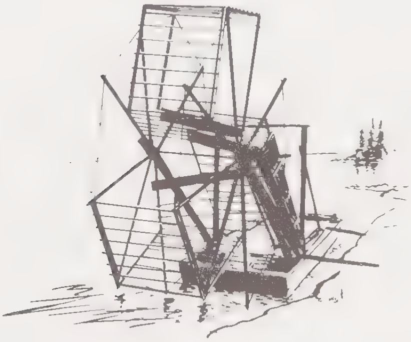
SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1971 - Continued

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
GEAR - CONTINUED:					
LINES - CONTINUED:					
TROLL:					
ALBACORE	-	1,963	5,341	12,200	15,899
SALMON	7,026	14,064	9,455	10,660	36,580
OTHER	-	44	20	5,616	5,680
LONG OR SET WITH HOOKS	15,545	1,905	95	1,000	17,221
DIP, BRAIL, OR SCOOP NETS	-	186	37	60	283
REEF NETS	-	52	-	-	52
WHEELS	11	-	-	-	11
HARPOONS:					
SWORDFISH	-	-	-	31	31
WHALE	-	-	-	3	3
DREDGES:					
CLAM	-	4	-	-	4
OYSTER:					
COMMON	-	42	10	4	56
SUCTION	-	13	-	-	13
SCALLOP, SEA	5	-	-	-	5
TONGS, OYSTER	-	-	-	29	29
SHOVELS	53	540	75	-	668
DIVING OUTFITS:					
ABALONE	-	-	-	187	187
OTHER	-	3	-	1	4

NOTE:--HAUL SEINES IN ALASKA HAVE BEEN INCLUDED WITH PURSE SEINES.



Fish wheel

LANDINGS BY STATES, 1971

SPECIES	ALASKA		WASHINGTON		OREGON	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ANCHOVIES	-	-	180	6	19	4
ARCTIC CHAR	29	5	-	-	-	-
CARP	-	-	195	2	-	-
COD	-	-	5,609	382	483	33
DOLLY VARDEN TROUT	1	(2)	-	-	-	-
FLOUNDERS:						
"SOLE"	-	-	5,304	463	12,164	1,147
UNCLASSIFIED	2	(2)	513	31	1,257	51
HAKE	-	-	10,638	115	6	(2)
HALIBUT	24,299	5,498	3,759	1,029	92	32
HERRING, SEA	10,119	270	3,787	230	25	5
LAMPREY	-	-	-	-	3	1
LINGCOD	193	28	2,245	165	1,534	105
OCEAN PERCH	-	-	8,107	536	1,739	119
PERCH	-	-	223	29	6	(2)
PIKE OR PICKEREL	(2)	(2)	-	-	-	-
POLLOCK	-	-	102	5	-	-
RATFISH	-	-	129	1	-	-
ROCKFISHES	56	7	10,762	1,059	4,276	290
SABLEFISH	596	99	462	69	434	36
SALMON:						
CHINOOK OR KING	11,972	4,688	8,587	3,725	5,017	2,014
CHUM OR KETA	54,726	7,536	1,694	456	3	(2)
PINK	86,260	13,518	12,819	2,385	10	3
RED OR SOCKEYE	87,287	22,849	18,463	8,103	163	65
SILVER OR COHO	11,460	2,820	13,446	4,224	11,779	3,582
TOTAL SALMON	251,705	51,411	55,009	18,893	16,972	5,664
SCULPIN	29	3	-	-	-	-
SEA BASS, WHITE	-	-	-	-	5	(2)
SHAD	-	-	25	4	474	59
SHARKS:						
GRAYFISH	-	-	122	7	4	(2)
SOUPFIN	-	-	(2)	(2)	-	-
TOTAL SHARKS	-	-	122	7	4	(2)
SHEEFISH	6	1	-	-	-	-
SKATES	-	-	24	(2)	26	1
SMELT:						
EULACHON	42	6	1,634	103	128	35
SURF OR SILVER	-	-	142	14	6	2
STEELHEAD TROUT	16	4	383	153	313	89
STRIPED BASS	-	-	-	-	67	10
STURGEON, COMMON	-	-	363	58	248	23
TUNA:						
ALBACORE	-	-	5,281	1,631	8,420	2,652
SKIPJACK	-	-	-	-	751	145
YELLOWFIN	-	-	-	-	3,922	843
TOTAL TUNA	-	-	5,281	1,631	13,093	3,640
TURBOT	-	-	-	-	2	(2)
WHITEFISH	46	17	-	-	-	-
TOTAL FISH	287,139	57,349	114,998	24,985	53,376	11,346
SHELLFISH ET AL.						
CRABS:						
DUNGENESS	3,750	610	13,324	2,819	14,876	4,246
KING	70,703	19,077	-	-	-	-
SNOW	12,880	1,369	-	-	-	-
TOTAL CRABS	87,333	21,056	13,324	2,819	14,876	4,246
CRAWFISH, FRESHWATER	-	-	19	9	40	16
SAND SHRIMP	-	-	-	-	8	8
SHRIMP:						
BAY	-	-	63	40	-	-
OCEAN	94,891	3,909	678	75	9,075	1,108
ABALONE	1	2	-	-	-	-
CLAMS:						
GEODUCK	-	-	153	67	-	-
HARD	-	-	464	256	(2)	(2)
HORSE	-	-	1	(2)	-	-
RAZOR	102	70	170	166	13	18
SOFT	-	-	(2)	(2)	-	-
MIXED	-	-	-	-	7	3
TOTAL CLAMS	102	70	788	489	20	21

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

LANDINGS BY STATES, 1971 - Continued

SPECIES	ALASKA		WASHINGTON		OREGON	
SHELLFISH ET AL. - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
OCTOPUS	-	-	41	6	2	(2)
OYSTERS, MARKET:						
PACIFIC	-	-	6,805	3,530	278	134
WESTERN	-	-	51	11	1	3
TOTAL OYSTERS	-	-	6,856	[illegible],741	279	137
SCALLOPS, SEA	931	390	-	-	-	-
SQUID	-	-	2	1	-	-
SEA URCHINS	-	-	[illegible]	1	-	-
TREPANG (SEA CUCUMBER)	-	-	6	[illegible]	-	-
KELP (WITH HERRING EGGS)	621	130	-	-	-	-
TOTAL SHELLFISH ET AL.	184,079	26,417	21,783	7,180	24,300	5,536
GRAND TOTAL	471,218	83,766	136,781	32,165	77,676	16,882

SPECIES	CALIFORNIA 1/		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ANCHOVIES	89,705	1,093	89,904	1,103
ARCTIC CHAR	-	-	29	5
BARRACUDA	17	6	17	6
BONITO	20,269	1,841	20,269	1,841
CABEZONE	4	(2)	4	(2)
CARP	279	38	474	40
COD	-	-	6,092	415
DOLLY VARDEN TROUT	-	-	1	(2)
FLOUNDERS:				
ARROWTOOTH HALIBUT	3	(2)	3	(2)
CALIFORNIA HALIBUT	3/ 337	3/ 126	337	126
SAND DABS	786	83	786	83
"SOLE"	22,678	2,310	40,146	3,920
UNCLASSIFIED	3/ 309	3/ 22	2,081	104
FLYING FISH	160	24	160	24
HAKE	35	1	10,679	116
HALFMOON	23	6	23	6
HALIBUT	-	-	28,150	6,559
HERRING, SEA	241	19	14,172	524
JACK MACKEREL	59,883	2,416	59,883	2,416
LAMPREY	-	-	3	1
LINGCOD	2,098	201	6,070	499
MACKEREL, PACIFIC	156	8	156	8
OCEAN PERCH	-	-	9,846	655
OPALEYE	5	1	5	1
PERCH	185	43	414	72
PIKE OR PICKEREL	-	-	(2)	(2)
POLLOCK	-	-	102	5
POMPANO	182	44	182	44
RATFISH	-	-	129	1
ROCKFISHES	11,300	984	26,394	2,340
SABLEFISH	4,424	290	5,916	494
SALMON:				
CHINOOK OR KING	4,925	3,221	30,501	13,648
CHUM OR KETA	-	-	56,423	7,992
PINK	7	3	99,096	15,909
RED OR SOCKEYE	-	-	105,913	31,017
SILVER OR COHO	3,185	1,533	39,870	12,159
TOTAL SALMON	8,117	4,757	331,803	80,725
SARDINE, PACIFIC	298	69	298	69
SCULPIN	-	-	29	3
SEA BASS:				
BLACK	117	27	117	27
WHITE	824	328	829	328
SHAD	-	-	499	63
SHARKS:				
GRAYFISH	-	-	126	7
SOUPFIN	-	-	(2)	(2)
UNCLASSIFIED	421	64	421	64
TOTAL SHARKS	421	64	547	71
SHEEFISH	-	-	6	1
SHEEPSHEAD	9	1	9	1
SKATES	61	1	111	2
SMELT:				
EULACHON	-	-	1,804	144
SURF OR SILVER	348	28	496	44

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1971 - Continued

SPECIES	CALIFORNIA 1/		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
STEELHEAD TROUT	-	-	712	246
STRIPED BASS	-	-	67	10
STURGEON, COMMON	-	-	611	81
SWORDFISH	153	86	153	86
TUNA:				
ALBACORE	36,117	10,877	49,818	15,160
BLUEFIN	17,251	3,538	17,251	3,538
SKIPJACK	101,378	18,629	102,129	18,774
YELLOWFIN	152,747	31,820	156,669	32,663
TOTAL TUNA	307,493	64,864	325,867	70,135
TURBOT	25	2	27	2
WHITEBAIT	147	16	147	16
WHITE CROAKER	334	24	334	24
WHITEFISH	4	(2)	50	17
YELLOWTAIL	390	45	390	45
UNCLASSIFIED:				
FOR FOOD	376	113	376	113
FOR BAIT AND ANIMAL FOOD	991	24	991	24
TOTAL FISH	533,187	80,005	988,700	173,685
SHELLFISH ET AL.				
CRABS:				
DUNGENESS	9,664	2,822	41,614	10,497
KING	-	-	70,703	19,077
ROCK	539	69	539	69
SNOW	-	-	12,880	1,369
TOTAL CRABS	10,203	2,891	125,736	31,012
CRAWFISH, FRESHWATER	138	55	197	80
LOBSTER, SPINY	224	309	224	309
SAND SHRIMP	-	-	8	8
SHRIMP:				
BAY	-	-	63	40
OCEAN	3,083	401	107,727	5,493
ABALONE	2,945	953	2,946	955
CLAMS:				
GEODUCK	-	-	153	67
HARD	-	-	464	256
HORSE	-	-	1	(2)
RAZOR	-	-	285	254
SOFT	-	-	(2)	(2)
MIXED	-	-	7	3
TOTAL CLAMS	-	-	910	580
OCTOPUS	2	(2)	45	6
OYSTERS, MARKET:				
EASTERN	14	41	14	41
PACIFIC	965	839	8,048	4,503
WESTERN	-	-	52	214
TOTAL OYSTERS	979	880	8,114	4,758
SCALLOPS, SEA	-	-	931	990
SQUID	31,517	761	31,521	761
SHELLFISH, UNCLASSIFIED	13	12	13	12
SEA URCHINS	(2)	(2)	2	(2)
TREPANG (SEA CUCUMBER)	-	-	8	1
KELP (WITH HERRING EGGS)	-	-	821	390
TOTAL SHELLFISH ET AL.	49,104	6,262	279,266	45,395
WHALE PRODUCTS				
MEAL	378	30	378	30
MEAT	347	35	347	35
OIL:				
SPERM	344	34	344	34
WHALE	74	5	74	5
TOTAL WHALE PRODUCTS	1,143	104	1,143	104
GRAND TOTAL	583,434	86,371	1,269,109	219,184

1/ INCLUDES THE CATCH TAKEN OFF LATIN AMERICA AND LANDED AT CALIFORNIA PORTS. 2/ LESS THAN 500 POUNDS OR $500. 3/ SOME HALIBUT MAY BE INCLUDED WITH "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS."

NOTE:--CATCH STATISTICS FOR ALASKA, WASHINGTON, AND OREGON ARE SHOWN IN ROUND WEIGHT, WHILE THOSE FOR CALIFORNIA ARE SHOWN IN WEIGHTS AS LANDED, EXCEPT FOR SHELL MOLLUSKS. IN ALL STATES, CLAMS, OYSTERS, AND SCALLOPS ARE REPORTED IN WEIGHT OF TOTAL MEATS; ABALONE IN CALIFORNIA INCLUDES THE WEIGHT OF THE SHELLS. ALASKA DATA INCLUDE THE CATCH OF HALIBUT, SABLEFISH, AND ROCKFISHES LANDED BY U.S. VESSELS AT BRITISH COLUMBIA PORTS.

PACIFIC COAST FISHERIES

PROCESSED FISHERY PRODUCTS, 1971

ITEM	UNIT	ALASKA		WASHINGTON	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
COD:					
FILLETS, FRESH AND FROZEN	POUNDS	-	-	2,184,454	904,255
LUTEFISK	DO	-	-	(1)	(1)
FLOUNDER, FILLETS, FRESH AND FROZEN	DO	-	-	1,377,504	864,909
HAKE:					
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1000 LBS	-	-	(1)	(1)
HALIBUT:					
FRESH AND FROZEN:					
FILLETS	POUNDS	-	-	809,956	698,379
STEAKS, NATURAL	DO	-	-	4,081,497	2,944,561
CHEEKS AND FLETCHES	DO	962,834	923,216	-	-
SMOKED	DO	-	-	297,800	158,910
HERRING, SEA:					
FRESH AND FROZEN:					
FOR BAIT	DO	4,319,272	277,290	-	-
ROE	DO	3,180	4,134	-	-
SALTED:					
ROE	DO	330,889	535,088	-	-
EGGS WITH KELP	DO	636,004	1,040,518	-	-
MEAL AND SCRAP	TONS	26	4,285	(1)	(1)
OIL	1000 LBS	-	-	(1)	(1)
LINGCOD FILLETS, FRESH AND FROZEN	POUNDS	-	-	739,774	304,067
OCEAN PERCH, PACIFIC, FILLETS, FRESH AND FROZEN	DO	-	-	2,558,527	1,056,027
ROCKFISH FILLETS, FRESH AND FROZEN	DO	-	-	3,351,891	1,297,039
SABLEFISH:					
FILLETS AND STEAKS, FRESH AND FROZEN	DO	-	-	(3)	(3)
SALTED	DO	674	234	(1)	(1)
SMOKED	DO	-	-	91,425	62,255
SALMON:					
FRESH AND FROZEN:					
FILLETS	DO	-	-	441,167	426,000
STEAKS	DO	-	-	1,047,466	811,499
EGGS FOR BAIT	DO	64,361	67,425	-	-
CANNED:					
CHINOOK OR KING	STANDARD CASES	31,935	1,282,054	8,666	420,206
CHUM OR KETA	DO	601,753	16,824,723	16,603	540,263
PINK	DO	1,074,547	36,103,597	147,731	5,572,999
RED OR SOCKEYE	DO	1,108,206	50,721,632	243,120	14,649,102
SILVER OR COHO	DO	82,570	3,049,146	43,739	1,966,426
TOTAL	DO	2,899,011	107,981,152	459,859	23,148,996
SMOKED	DO	414	46,684	1,077	106,803
EGGS FOR BAIT	DO	-	-	12,009	2,848,036
ANIMAL FOOD	DO	-	-	(1)	(1)
SALTED:					
SALTED AND PICKLED	POUNDS	564,472	529,445	(1)	(1)
MILD CURED	DO	550,638	456,316	1,129,403	1,276,237
CAVIAR	DO	8,939,368	11,072,920	867,153	1,350,639
BELLIES	DO	-	-	(1)	(1)
EGGS FOR BAIT	DO	-	-	(1)	(1)
SMOKED	DO	19,345	47,184	574,167	745,165
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1000 LBS	-	-	(1)	(1)
GROUND FOR ANIMAL FOOD	POUNDS	560,950	22,438	-	-
SHAD, CANNED:					
ROE	STANDARD CASES	-	-	1,030	169,661
SMOKED	DO	-	-	(1)	(1)
STURGEON, CANNED (SMOKED)	DO	-	-	422	38,338
TUNA:					
CANNED:					
ALBACORE	DO	-	-	225,994	3,927,769
LIGHT MEAT	DO	-	-	(5)	(5)
TOTAL	-	-	-	225,994	3,927,769

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	ALASKA		WASHINGTON	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
TUNA - CONTINUED:					
SPECIALTIES (CREAMED, SMOKED, SPREADS, AND WITH CHILI PEPPERS)	STANDARD CASES	-	-	(1)	(1)
CRABS:					
DUNGENESS:					
FRESH AND FROZEN:					
COOKED MEAT	POUNDS	115,586	215,176	1,421,157	2,435,038
SECTIONS	DO	947,665	498,035	-	-
WHOLE COOKED	DO	1,283,263	657,124	-	-
CANNED:					
REGULAR	STANDARD CASES	2,352	108,440	12,337	529,602
SPECIALTIES (SMOKED)	DO	-	-	(1)	(1)
MEAL AND SCRAP	TONS	-	-	652	35,503
KING:					
FRESH AND FROZEN:					
COOKED MEAT	POUNDS	9,883,506	21,912,145	361,152	827,482
SECTIONS	DO	6,265,781	7,536,853	-	-
WHOLE COOKED	DO	23,781	22,648	-	-
CANNED, REGULAR	STANDARD CASES	49,879	2,880,306	-	-
SNOW:					
FRESH AND FROZEN:					
COOKED MEAT	POUNDS	1.092,195	1,418,465	(1)	(1)
SECTIONS	DO	691,447	343,961	-	-
WHOLE COOKED	DO	11,116	3,334	-	-
CANNED, REGULAR	STANDARD CASES	27,123	1,128,067	-	-
SHRIMP:					
FRESH AND FROZEN:					
RAW HEADLESS	POUNDS	2,250,255	1,422,674	-	-
SECTIONS, COOKED	DO	1,309,485	1,373,212	-	-
PEELED (INCLUDING DEVEINED), COOKED	DO	3,768,605	3,658,315	-	-
BREADED, RAW AND COOKED	DO	-	-	(1)	(1)
CANNED, REGULAR	STANDARD CASES	1,110,231	9,325,962	-	-
ABALONE, FRESH AND FROZEN, SHUCKED MEATS	POUNDS	923	2,077	-	-
CLAMS:					
HARD:					
SHUCKED FRESH	GALLONS	-	-	(1)	(1)
CANNED:					
WHOLE AND MINCED	STANDARD CASES	-	-	(6)	(6)
CHOWDER AND JUICE	DO	-	-	(1)	(1)
SPECIALTIES, (IN SHELL AND STEW BASE)	DO	-	-	(1)	(1)
RAZOR:					
SHUCKED, FRESH AND FROZEN	GALLONS	28,058	100,751	(1)	(1)
CANNED, WHOLE AND MINCED	STANDARD CASES	238	6,736	7,410	117,167
OYSTERS:					
FRESH AND FROZEN:					
SHUCKED:					
PACIFIC	GALLONS	-	-	600,967	3,746,875
WESTERN	DO	-	-	4,340	163,286
BREADED RAW, PACIFIC	POUNDS	-	-	(1)	(1)
SPECIALTIES, STUFFED, AND ON HALF SHELL	DO	-	-	(1)	(1)
CANNED:					
REGULAR	STANDARD CASES	-	-	(1)	(1)
SMOKED	DO	-	-	342	31,372
SPECIALTIES (SOUPS AND STEWS)	DO	-	-	107,763	1,907,973
ANIMAL FOOD	DO	-	-	(1)	(1)
SCALLOPS, SEA FRESH AND FROZEN, SHUCKED MEATS	POUNDS	893,395	1,206,593	-	-
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED:					
STICKS, BREADED:					
RAW	DO	-	-	(1)	(1)
COOKED	DO	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	ALASKA		WASHINGTON	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
UNCLASSIFIED - CONTINUED:					
FRESH AND FROZEN PACKAGED:					
PORTIONS:					
RAW, BREADED.	POUNDS	-	-	(1)	(1)
BREADED AND COOKED. . . .	DO	-	-	(1)	(1)
FISH AND SHELLFISH.	DO	-	-	1,048,154	678,117
CANNED:					
ANIMAL FOOD	STANDARD CASES	-	-	489,268	1,941,781
OTHER FISH AND SHELLFISH. .	DO	-	-	80,541	832,405
CURED	POUNDS	-	-	128,386	71,988
INDUSTRIAL.	-	-	-	-	2,093,016
TOTAL	-	-	176,829,203	-	58,107,762

ITEM	UNIT	OREGON		CALIFORNIA	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
ANCHOVIES:					
FROZEN, FOR BAIT.	POUNDS	-	-	444,315	62,736
CANNED:					
IN TOMATO SAUCE	STANDARD CASES	-	-	(1)	(1)
ANIMAL FOOD	DO	-	-	(1)	(1)
SALTED.	POUNDS	-	-	(1)	(1)
MEAL AND SCRAP.	TONS	-	-	7,718	1,195,465
OIL	1,000 LBS	-	-	3,169	175,702
BARRACUDA, SMOKED	POUNDS	-	-	(1)	(1)
CATFISH, DRESSED, SKINS OFF, FROZEN.	DO	-	-	(1)	(1)
COD:					
FILLETS:					
FRESH AND FROZEN.	DO	124,350	49,079	(2)	(2)
BREADED RAW, FROZEN	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED).	DO	-	-	(1)	(1)
SMOKED.	DO	-	-	(1)	(1)
FLOUNDERS:					
DRESSED FROZEN.	DO	(1)	(1)	-	-
FILLETS:					
FRESH AND FROZEN.	DO	2,118,460	1,342,286	3,390,613	1,770,383
BREADED, RAW AND COOKED . .	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN (IN LEMON BUTTER SAUCE).	DO	-	-	(1)	(1)
SALTED.	DO	-	-	(1)	(1)
HADDOCK:					
FILLETS:					
FROZEN.	DO	-	-	(1)	(1)
BREADED RAW, FROZEN	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN, (PATTIES, BREADED AND COOKED).	DO	-	-	(1)	(1)
HALIBUT:					
FRESH AND FROZEN:					
FILLETS	DO	-	-	278,000	234,000
STEAKS:					
NATURAL	DO	-	-	[illegible]	1,751,[illegible]
BREADED AND COOKED. . . .	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN (PATTIES, BREADED AND COOKED, AND IN LEMON BUTTER SAUCE) . .	DO	-	-	(1)	(1)
SMOKED.	DO	-	-	155,049	117,061
HERRING, SEA:					
FRESH AND FROZEN FOR BAIT . .	DO	-	-	217,984	43,165
SALTED, FISH.	DO	-	-	(1)	(1)
KING CROAKER FILLETS, FRESH . .	DO	-	-	(1)	(1)
LINGCOD:					
FILLETS, FRESH AND FROZEN . .	DO	377,132	160,587	(2)	(2)
SMOKED.	DO	-	-	(1)	(1)
MACKEREL:					
FRESH AND FROZEN:					
DRESSED	DO	-	-	(1)	(1)
FOR BAIT.	DO	-	-	(1)	(1)
FILLETS	DO	-	-	(1)	(1)
CANNED:					
JACK, NATURAL	STANDARD CASES	-	-	367,043	3,076,373
ANIMAL FOOD	DO	-	-	391,996	3,667,143

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	OREGON		CALIFORNIA	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
MACKEREL- CONTINUED:					
SMOKED	POUNDS	-	-	(1)	(1)
MEAL AND SCRAP	TONS	-	-	(1)	(1)
MARLIN SMOKED	POUNDS	-	-	(1)	(1)
OCEAN PERCH, PACIFIC, FRESH AND FROZEN:					
FILLETS	DO	369,518	160,938	-	-
SPECIALTIES (PATTIES, BREADED BREADED AND COOKED	DO	-	-	(1)	(1)
PERCH FILLETS, FRESH	DO	-	-	(1)	(1)
POLLOCK FILLETS, FROZEN BREADED RAW	DO	-	-	(1)	(1)
ROCKFISH:					
FILLETS, FRESH AND FROZEN	DO	786,102	328,203	1,108,822	482,760
SALTED	DO	-	-	(1)	(1)
SMOKED	DO	-	-	(1)	(1)
SABLEFISH:					
FILLETS AND STEAKS, FRESH AND FROZEN	DO	-	-	179,456	65,302
SMOKED	DO	-	-	318,470	207,383
SALMON:					
FRESH AND FROZEN:					
STEAKS	DO	-	-	873,565	932,177
SPECIALTIES (CAKES, COOKED)	DO	-	-	(1)	(1)
CANNED:					
CHINOOK OR KING	STANDARD CASES	35,536	1,530,272	(4)	(4)
CHUM OR KETA	DO	2,845	80,012	-	-
PINK	DO	28,884	1,045,079	-	-
RED OR SOCKEYE	DO	36,434	2,091,764	-	-
SILVER OR COHO	DO	44,345	1,849,752	-	-
STEELHEAD	DO	2,495	94,713	-	-
TOTAL	DO	150,539	6,691,592	(4)	(4)
SMOKED	DO	254	26,576	(2)	(2)
SALTED:					
MILD CURED	POUNDS	(1)	(1)	1,005,736	1,018,835
CAVIAR	DO	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	1,433,953	2,294,635
OIL	1000 LBS	(1)	(1)	-	-
SEABASS:					
FILLETS, FRESH AND FROZEN	POUNDS	-	-	146,900	71,093
SMOKED	DO	-	-	1,756	2,078
SHAD:					
CANNED:					
FISH	STANDARD CASES	(1)	(1)	-	-
ROE	DO	(2)	(2)	-	-
SMOKED	POUNDS	-	-	(1)	(1)
SHARK SMOKED	DO	-	-	(1)	(1)
SHEEPSHEAD PACIFIC, SMOKED	DO	-	-	(1)	(1)
SMELT:					
FROZEN FOR BAIT	DO	-	-	(1)	(1)
SALTED	DO	-	-	(1)	(1)
STURGEON:					
CANNED (SMOKED)	STANDARD CASES	(2)	(2)	-	-
SMOKED	POUNDS	-	-	(1)	(1)
SWORDFISH:					
STEAKS FROZEN	DO	-	-	(1)	(1)
SMOKED	DO	-	-	2,971	4,775
TUNA:					
STEAKS, FRESH	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN, (BITES COOKED)	DO	-	-	(1)	(1)
CANNED:					
ALBACORE	STANDARD CASES	1,196,123	23,559,895	1,533,103	32,901,294
LIGHT MEAT	DO	(5)	(5)	8,202,840	146,458,190
TOTAL	DO	1,196,123	23,559,895	9,735,943	179,359,484
SPECIALTIES (CREAMED, SMOKED, SPREADS, AND WITH CHILI PEPPERS)	DO	-	-	[illegible],905	580,624

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	OREGON		CALIFORNIA	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
TUNA- CONTINUED:					
CANNED, ANIMAL FOOD	STANDARD CASES	(1)	(1)	1,801,808	[illegible]
SMOKED	POUNDS	-	-	252,304	[illegible]
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1000 LBS	-	-	(1)	(1)
SOLUBLES	TONS	-	-	(1)	(1)
TUNALIKE FISH (BONITO AND YELLOWTAIL):					
FILLETS, FRESH AND FROZEN	POUNDS	-	-	(1)	(1)
CANNED	STANDARD CASES	-	-	285,027	[illegible]
SMOKED	POUNDS	-	-	21,757	[illegible]
TURBOT FILLETS, FROZEN	DO	-	-	(1)	(1)
WAHOO, SMOKED	DO	-	-	4,466	[illegible]
WHITEFISH, SMOKED	DO	-	-	(1)	(1)
WHITING, SMOKED	DO	-	-	(1)	(1)
CRABS:					
DUNGENESS:					
FRESH AND FROZEN:					
COOKED MEAT	DO	2,079,982	3,729,244	[illegible]	[illegible]
WHOLE COOKED	DO	-	-	(1)	(1)
SPECIALTIES (COCKTAILS AND DIPS)	DO	-	-	(1)	(1)
CANNED, REGULAR	STANDARD CASES	(2)	(2)	-	-
MEAL AND SCRAP	TONS	(2)	(2)	-	-
KING, FRESH AND FROZEN, COOKED MEAT	POUNDS	(1)	(1)	(1)	(1)
LOBSTERS, SPINY FROZEN:					
WHOLE COOKED	DO	-	-	(1)	(1)
TAILS	DO	-	-	(1)	(1)
SPECIALTIES	DO	-	-	(1)	(1)
SHRIMP:					
FRESH AND FROZEN:					
RAW HEADLESS	DO	-	-	(1)	(1)
PEELED (INCLUDING DEVEINED):					
RAW	DO	-	-	350,700	634,458
COOKED	DO	1,706,411	2,385,516	1,502,804	2,389,089
BREADED, RAW AND COOKED	DO	-	-	9,472,622	13,352,393
SPECIALTIES (COCKTAILS, REFRIGERATED, CREOLES, DIPS, NEWBURGS, ETC.)	DO	-	-	400,699	346,462
CANNED:					
REGULAR	STANDARD CASES	63,726	534,280	-	-
SPECIALTIES (PICKLED PRAWNS)	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
ABALONE:					
FRESH AND FROZEN:					
STEAKS RAW:					
NATURAL	POUNDS	-	-	[illegible]	[illegible]
BREADED	DO	-	-	(1)	(1)
SPECIALTIES (PATTIES, BREADED RAW)	DO	-	-	(1)	(1)
CLAMS:					
RAZOR, CANNED, WHOLE AND MINCED	STANDARD CASES	(2)	(2)	[illegible]	-
OYSTERS:					
FRESH AND FROZEN:					
SHUCKED:					
EASTERN	GALLONS	-	-	(1)	(1)
PACIFIC	DO	114,883	612,679	-	-
WESTERN	DO	1,266	36,312	-	-
BREADED RAW:					
EASTERN	POUNDS	-	-	[illegible]	337,235
PACIFIC	DO	-	-	(1)	(1)
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (SOUPS AND STEWS)	DO	(1)	(1)	-	-
SHELL GRIT AND LIME	TONS	(1)	(1)	-	-
SCALLOPS, SEA, FRESH AND FROZEN SPECIALTIES:					
BREADED, RAW AND COOKED	POUNDS	-	-	[illegible]	[illegible]
COOKED, IN SAUCES	DO	-	-		

SEE FOOTNOTES AT END OF TABLE.

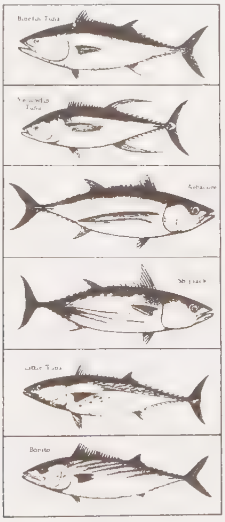
(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	OREGON		CALIFORNIA	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
SQUID:					
FROZEN, NATURAL	POUNDS	-	-	9,070,077	866,086
CANNED	STANDARD CASES	-	-	(1)	(1)
WHALE:					
MEAT FROZEN	POUNDS	-	-	346,985	34,699
MEAL AND SCRAP	TONS	-	-	189	30,305
OIL:					
SPERM	1000 LBS	-	-	344	34,419
OTHER	DO	-	-	74	5,169
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED:					
STICKS BREADED:					
RAW	POUNDS	-	-	582,614	350,010
COOKED	DO	-	-	7,445,783	5,137,752
PORTIONS:					
RAW:					
NOT BREADED	DO	-	-	127,819	102,468
BREADED	DO	-	-	2,898,407	1,720,966
BREADED AND COOKED	DO	-	-	1,740,473	1,368,637
FISH AND SHELLFISH	DO	(7)	(7)	4,362,464	3,909,344
CANNED:					
ANIMAL FOOD	STANDARD CASES	451,661	3,312,885	554,164	6,148,217
OTHER, FISH AND SHELLFISH	DO	1,827	89,156	395,764	2,092,948
CURED	POUNDS	1,402,180	2,953,453	607,659	464,004
INDUSTRIAL	-	-	1,126,629	-	20,022,428
TOTAL	-	-	47,383,746	-	290,921,015

1/ INCLUDED WITH UNCLASSIFIED.
2/ THE PRODUCTION OF CERTAIN ITEMS IN OREGON AND CALIFORNIA HAS BEEN INCLUDED WITH WASHINGTON.
3/ THE PRODUCTION OF SABLEFISH FILLETS PRODUCED IN WASHINGTON HAS BEEN INCLUDED WITH CALIFORNIA.
4/ A SMALL PACK OF SALMON PRODUCED IN CALIFORNIA HAS BEEN INCLUDED WITH OREGON.
5/ THE PACK OF LIGHT MEAT TUNA HAS BEEN INCLUDED WITH ALBACORE.
6/ THE PACK OF WHOLE AND MINCED HARD CLAMS HAS BEEN INCLUDED WITH RAZOR CLAMS.
7/ INCLUDED WITH UNCLASSIFIED, CURED.

NOTE:--THIS TABLE MAY NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STATE OF PROCESSING.



PACIFIC COAST FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1971

ITEM	THOUSAND DOLLARS
PACKAGED:	
FRESH	17,128
FROZEN	93,562
CANNED	415,790
CURED	22,017
INDUSTRIAL	24,745
TOTAL	573,242

VALUE OF PROCESSED PRODUCTS, BY STATES, 1971

STATE	THOUSAND DOLLARS
ALASKA	176,829
WASHINGTON	58,108
OREGON	47,384
CALIFORNIA	290,921
TOTAL	573,242

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971

STATE	PROCESSING			WHOLESALE			TOTAL		
		EMPLOYMENT AVERAGE			EMPLOYMENT AVERAGE			EMPLOYMENT AVERAGE	
	PLANTS	SEASON	YEAR	PLANTS	SEASON	YEAR	PLANTS	SEASON	YEAR
	NUMBER								
ALASKA 1/	192	8,502	3,500	-	-	-	192	8,502	3,500
WASHINGTON	105	2,973	1,949	23	342	249	128	3,315	2,198
OREGON	46	3,098	2,217	4	21	12	50	3,119	2,229
CALIFORNIA	101	8,765	6,830	80	816	730	181	9,581	7,560
TOTAL	444	23,338	14,496	107	1,179	991	551	24,517	15,487

1/ DATA PARTLY ESTIMATED.

NOTE:-- EMPLOYMENT IS REPORTED BY EACH PLANT FOR EACH MONTH FOR THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF THE MONTH. EMPLOYMENT FOR THE SEASON IS BASED ON THE GREATEST NUMBER OF EMPLOYEES WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH. EMPLOYMENT FOR THE YEAR IS OBTAINED BY ADDING THE NUMBER OF EMPLOYEES RECORDED AS WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH, FOR THE YEAR, AND DIVIDING BY 12.

PACIFIC COAST FISHERIES

ALASKA

LANDINGS BY REGIONS, 1971

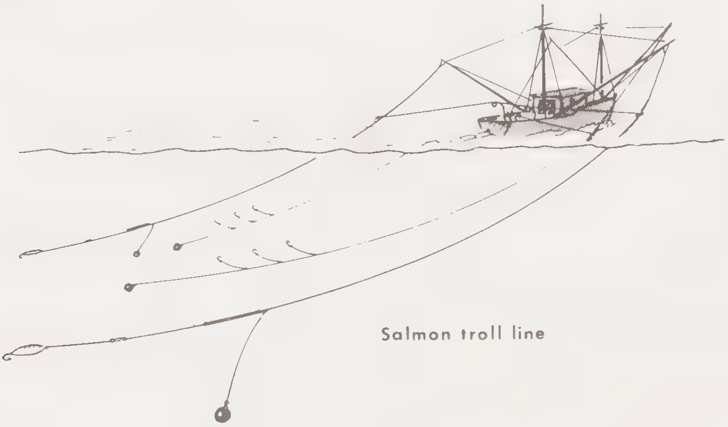
SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA	
FISH	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ARTIC CHAR	-	-	-	-	29,300	4,692
DOLLY VARDEN TROUT	600	66	700	82	-	-
FLOUNDERS, UNCLASSIFIED	300	14	1,400	85	-	-
HALIBUT	10,205,600	2,254,200	14,093,500	3,243,800	-	-
HERRING, SEA	5,985,000	111,711	4,134,300	157,998	-	-
LINGCOD 1/	48,600	5,694	144,100	21,923	-	-
PIKE OR PICKEREL	-	-	-	-	200	38
ROCKFISHES	45,600	5,429	10,000	1,613	-	-
SABLEFISH	573,500	95,160	22,800	3,443	-	-
SALMON: 2/						
CHINOOK OR KING	4,528,800	2,976,191	1,062,800	389,560	6,380,300	1,322,568
CHUM OR KETA	16,095,000	2,536,504	29,282,200	3,906,834	9,349,100	1,093,045
PINK	34,414,100	5,231,120	51,702,600	8,270,327	143,200	16,407
RED OR SOCKEYE	3,967,100	1,418,824	23,796,000	6,053,327	59,524,400	15,376,574
SILVER OR COHO	7,136,600	1,928,614	4,013,400	845,094	309,500	46,435
TOTAL SALMON	66,141,600	14,091,253	109,857,000	19,465,142	75,706,500	17,855,029
SCULPIN	-	-	29,000	3,186	-	-
SHEEFISH	-	-	-	-	6,100	1,223
SMELT	41,500	6,184	200	174	-	-
STEELHEAD TROUT	15,600	4,227	(3)	12	-	-
WHITEFISH	-	-	-	-	45,700	16,826
TOTAL FISH	83,057,900	16,573,938	128,293,000	22,897,458	75,787,800	17,877,808
SHELLFISH ET AL.						
CRABS:						
DUNGENESS	1,668,700	272,796	2,064,600	334,698	16,200	2,430
KING	571,100	198,046	20,220,600	5,902,239	49,911,400	12,976,968
SNOW	251,100	25,108	12,463,000	1,326,833	166,000	16,603
SHRIMP	959,800	95,245	93,931,500	3,813,799	-	-
ABALONE	900	2,077	-	-	-	-
CLAMS, RAZOR (MEATS)	-	-	102,200	70,152	-	-
SCALLOPS, SEA (MEATS)	84,900	84,948	846,200	905,437	-	-
KELP (WITH HERRING EGGS)	-	-	769,500	384,741	51,800	5,180
TOTAL SHELLFISH ET AL.	3,536,500	678,220	130,397,600	12,737,899	50,145,400	13,001,181
GRAND TOTAL	86,594,400	17,252,158	258,690,600	35,635,357	125,933,200	30,878,989

1/ INCLUDES TRUE COD.

2/ THE ROUND WEIGHTS USED IN LANDINGS TABLES WERE OBTAINED BY MULTIPLYING NUMBER OF FISH BY THEIR AVERAGE WEIGHT.

3/ LESS THAN 50 POUNDS.

NOTE:--THE ABOVE DATA INCLUDE LANDINGS OF HALIBUT, SABLEFISH, LINGCOD, AND ROCKFISHES BY VESSELS OF U.S. REGISTRY AT BRITISH COLUMBIA PORTS. ROUND WEIGHTS OF FISH TAKEN BY HALIBUT VESSELS WERE OBTAINED BY MULTIPLYING REPORTED WEIGHTS, REPRESENTING POUNDAGE OF FISH EVISCERATED AND WITH HEADS-OFF, BY THE FOLLOWING FACTORS: HALIBUT, 1.33; SABLEFISH AND ROCKFISHES, 1.43.



Salmon troll line

SOUTHEASTERN REGION OF ALASKA
OPERATING UNITS BY GEAR, 1971

ITEM	PURSE SEINES 1/		BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH
	HERRING	SALMON		
	NUMBER			
FISHERMEN:				
ON VESSELS.	24	1,804	[illegible]	8
ON BOATS AND SHORE. . . .	-	8	-	4
TOTAL	24	1,812	[illegible]	12
VESSELS, MOTOR.	4	304	[illegible]	2
GROSS TONNAGE	114	10,739	256	92
BOATS, MOTOR.	4	[illegible]	-	1
GEAR.	4	[illegible]	[illegible]	2

ITEM	FLOATING TRAPS	POTS		
		CRAB		
		DUNGENESS	KING	SNOW
	NUMBER			
FISHERMEN:				
ON VESSELS.	-	72	48	42
ON BOATS AND SHORE. . . .	14	6	2	-
TOTAL	14	78	50	42
VESSELS, MOTOR.	-	24	16	14
GROSS TONNAGE	-	432	[illegible]	500
BOATS, MOTOR.	-	3	1	-
GEAR.	14	[illegible]	[illegible]	560

ITEM	POTS - CONTINUED	GILL NETS		LINES
	SHRIMP	ANCHOR, SET, OR STAKE	DRIFT	TROLL
	NUMBER			
FISHERMEN:				
ON VESSELS.	6	[illegible]	313	1,290
ON BOATS AND SHORE. . . .	-	153	194	2,101
TOTAL	6	[illegible]	507	3,391
VESSELS, MOTOR.	3	1	157	645
GROSS TONNAGE	90	12	2,014	10,676
BOATS, MOTOR.	-	153	194	1,071
GEAR.	400	154	351	6,864

ITEM	LINES - CONTINUED	DREDGES, SCALLOP, SEA	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS			
	NUMBER			
FISHERMEN:				
ON VESSELS.	513	15	-	[illegible]
ON BOATS AND SHORE. . . .	110	-	4	2,502
TOTAL	623	15	4	[illegible]
VESSELS, MOTOR.	120	3	-	[illegible]
GROSS TONNAGE	3,714	500	-	24,533
BOATS, MOTOR.	55	-	[illegible]	[illegible]
GEAR.	11,570	3	-	-

1/ INCLUDES HAUL SEINES.

PACIFIC COAST FISHERIES

SOUTHEASTERN REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	PURSE SEINES 1/		BEAM TRAWLS, SHRIMP		OTTER TRAWLS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
DOLLY VARDEN TROUT.	600	66	-	-	-	-
FLOUNDERS, UNCLASSIFIED . .	300	14	-	-	-	-
HERRING, SEA.	4,675,700	85,473	-	-	1,700	85
SALMON:						
CHINOOK OR KING	62,500	19,245	-	-	-	-
CHUM OR KETA.	11,885,200	1,701,897	-	-	-	-
PINK.	31,049,600	4,667,796	-	-	-	-
RED OR SOCKEYE.	974,100	272,506	-	-	-	-
SILVER OR COHO.	2,682,100	549,005	-	-	-	-
TOTAL SALMON.	46,653,500	7,210,449	-	-	-	-
SMELT	25,700	3,826	-	-	-	-
STEELHEAD	1,500	383	-	-	-	-
SHRIMP.	-	-	949,700	82,402	-	-
TOTAL	51,357,300	7,300,211	949,700	82,402	1,700	85

SPECIES	FLOATING TRAPS		POTS			
			CRAB			
			DUNGENESS		KING	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HERRING, SEA.	1,307,600	26,153	-	-	-	-
CRABS:						
DUNGENESS	-	-	1,668,700	272,796	-	-
KING.	-	-	-	-	571,100	198,046
TOTAL	1,307,600	26,153	1,668,700	272,796	571,100	198,046

SPECIES	POTS - CONTINUED				GILL NETS	
	CRAB - CONTINUED		SHRIMP		ANCHOR, SET, OR STAKE	
	SNOW					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SABLEFISH	110,100	18,280	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	-	-	46,300	27,760
CHUM OR KETA.	-	-	-	-	53,900	10,777
PINK.	-	-	-	-	281,500	36,594
RED OR SOCKEYE.	-	-	-	-	847,500	330,529
SILVER OR COHO.	-	-	-	-	343,000	99,466
TOTAL SALMON.	-	-	-	-	1,572,200	505,126
SMELT	-	-	-	-	15,800	2,358
CRABS, SNOW	251,100	25,108	-	-	-	-
SHRIMP.	-	-	10,100	12,843	-	-
TOTAL	361,200	43,388	10,100	12,843	1,588,000	507,484

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HALIBUT	-	-	-	-	10,205,600	2,254,200
LINGCOD 2/.	-	-	15,800	1,872	32,800	3,822
ROCKFISHES.	-	-	1,300	148	44,300	5,281
SABLEFISH	-	-	-	-	463,400	76,880
SALMON:						
CHINOOK OR KING	204,900	109,588	4,215,100	2,819,598	-	-
CHUM OR KETA.	4,105,800	813,614	50,100	10,216	-	-
PINK.	2,731,500	452,782	351,500	73,948	-	-
RED OR SOCKEYE.	2,140,100	813,814	5,400	1,975	-	-
SILVER OR COHO.	1,437,200	378,486	2,674,300	901,657	-	-
TOTAL SALMON.	10,619,500	2,568,284	7,296,400	3,807,394	-	-
STEELHEAD TROUT	14,000	3,819	100	25	-	-
TOTAL	10,633,500	2,572,103	7,313,600	3,809,439	10,746,100	2,340,183

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTHEASTERN REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	DREDGES, SCALLOP, SEA		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
ABALONE	-	-	900	2,077
SCALLOPS, SEA	84,900	84,948	-	-
TOTAL	84,900	84,948	900	2,077

1/ INCLUDES HAUL SEINES. 2/ INCLUDES TRUE COD.

CENTRAL REGION OF ALASKA
OPERATING UNITS BY GEAR, 1971

ITEM	PURSE SEINES 1/		OTTER TRAWLS		POTS	
					CRAB	
	HERRING	SALMON	FISH	SHRIMP	DUNGENESS	KING
			NUMBER			
FISHERMEN:						
ON VESSELS	474	3,567	72	162	147	486
ON BOATS AND SHORE	606	562	1	6	42	46
TOTAL	1,080	4,129	73	168	189	532
VESSELS, MOTOR	79	598	18	54	49	162
GROSS TONNAGE	1,479	11,603	1,075	4,253	2,186	13,357
BOATS, MOTOR	177	311	1	4	22	27
GEAR	177	900	19	58	10,710	19,514

ITEM	POTS - CONTINUED		GILL NETS		LINES	
	CRAB - CONTINUED	SHRIMP	ANCHOR, SET, OR STAKE	DRIFT	TROLL	LONG OR SET WITH HOOKS
	SNOW					
			NUMBER			
FISHERMEN:						
ON VESSELS	342	22	34	620	500	602
ON BOATS AND SHORE	30	18	576	827	262	225
TOTAL	372	40	610	1,447	762	827
VESSELS, MOTOR	114	11	17	311	250	150
GROSS TONNAGE	8,491	1,226	472	4,241	3,807	4,584
BOATS, MOTOR	19	9	576	827	134	115
GEAR	14,639	2,550	593	1,138	1,534	9,554

ITEM	DREDGES, SCALLOP, SEA	SHOVELS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
		NUMBER		
FISHERMEN:				
ON VESSELS	25	-	-	5,957
ON BOATS AND SHORE	-	53	200	2,995
TOTAL	25	53	200	8,952
VESSELS, MOTOR	5	-	-	1,502
GROSS TONNAGE	698	-	-	34,720
BOATS, MOTOR	-	-	100	2,134
GEAR	5	53	-	-

1/ INCLUDES HAUL SEINES.

PACIFIC COAST FISHERIES

CENTRAL REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	PURSE SEINES 1/		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
DOLLY VARDEN TROUT	600	67	-	-	-	-
FLOUNDERS, UNCLASSIFIED	-	-	1,400	85	-	-
HERRING, SEA	4,134,300	157,998	-	-	-	-
LINGCOD 2/	-	-	20,300	3,254	-	-
ROCKFISHES	-	-	100	16	-	-
SALMON:						
CHINOOK OR KING	69,500	17,566	-	-	-	-
CHUM OR KETA	24,026,900	3,255,466	-	-	-	-
PINK	50,476,700	8,087,324	-	-	-	-
RED OR SOCKEYE	12,008,700	3,076,051	-	-	-	-
SILVER OR COHO	569,000	124,362	-	-	-	-
TOTAL SALMON	87,150,800	14,560,769	-	-	-	-
SCULPIN	-	-	29,000	3,186	-	-
SMELT	200	174	-	-	-	-
SHRIMP	-	-	-	-	93,869,100	3,808,717
TOTAL	91,285,900	14,719,008	50,800	6,541	93,869,100	3,808,717

SPECIES	POTS							
	CRAB						SHRIMP	
	DUNGENESS		KING		SNOW			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS:								
DUNGENESS	2,064,600	334,698	-	-	-	-	-	-
KING	-	-	20,220,600	5,902,239	-	-	-	-
SNOW	-	-	-	-	12,463,000	1,326,833	-	-
SHRIMP	-	-	-	-	-	-	62,400	5,082
TOTAL	2,064,600	334,698	20,220,600	5,902,239	12,463,000	1,326,833	62,400	5,082

SPECIES	GILL NETS				LINES	
	ANCHOR, SET, OR STAKE		DRIFT		TROLL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
DOLLY VARDEN TROUT	-	-	100	15	-	-
LINGCOD 2/	-	-	-	-	5,700	907
ROCKFISHES	-	-	-	-	2,900	468
SALMON:						
CHINOOK OR KING	507,500	197,648	459,700	165,067	26,100	9,279
CHUM OR KETA	887,300	115,953	4,368,000	535,413	(3)	2
PINK	1,160,800	173,851	64,100	8,955	1,000	197
RED OR SOCKEYE	2,197,300	554,524	9,590,000	2,422,752	-	-
SILVER OR COHO	465,100	96,784	2,964,100	618,462	15,200	5,486
TOTAL SALMON	5,218,000	1,138,760	17,445,900	3,750,649	42,300	14,964
STEELHEAD TROUT	(3)	6	(3)	6	-	-
TOTAL	5,218,000	1,138,766	17,446,000	3,750,670	50,900	16,339

SPECIES	LINES		DREDGES, SCALLOP, SEA	
	LONG OR SET WITH HOOKS			
	POUNDS	DOLLARS	POUNDS	DOLLARS
HALIBUT	14,093,500	3,243,800	-	-
LINGCOD 2/	118,100	17,762	-	-
ROCKFISHES	7,000	1,129	-	-
SABLEFISH	22,800	3,443	-	-
SCALLOPS, SEA	-	-	846,200	905,437
TOTAL	14,241,400	3,266,134	846,200	905,437

SPECIES	SHOVELS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, RAZOR	102,200	70,152	-	-
KELP (WITH HERRING EGGS)	-	-	769,500	384,741
TOTAL	102,200	70,152	769,500	384,741

1/ INCLUDES HAUL SEINES.
2/ INCLUDES TRUE COD.
3/ LESS THAN 50 POUNDS.

PACIFIC COAST FISHERIES

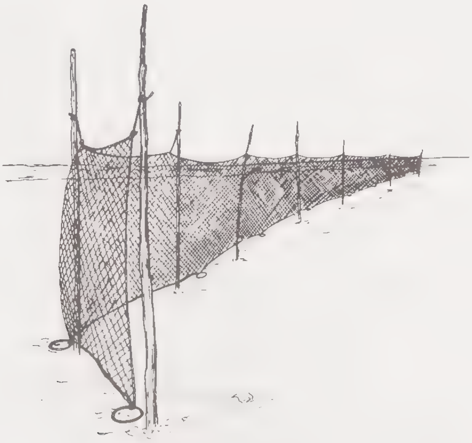
WESTERN REGION OF ALASKA
OPERATING UNITS BY GEAR, 1971

ITEM	PURSE SEINES 1/	POTS, CRAB	
		DUNGENESS	KING
	NUMBER		
FISHERMEN:			
ON VESSELS	42	3	264
ON BOATS AND SHORE	92	-	14
TOTAL	134	3	278
VESSELS, MOTOR	7	1	58
GROSS TONNAGE	111	198	14,004
BOATS, MOTOR	29	-	10
GEAR	29	700	10,469

ITEM	POTS, CRAB - CONTINUED	GILL NETS	
	SNOW	ANCHOR, SET, OR STAKE	DRIFT
	NUMBER		
FISHERMEN:			
ON VESSELS	24	8	582
ON BOATS AND SHORE	2	1,432	2,481
TOTAL	26	1,440	3,063
VESSELS, MOTOR	8	4	291
GROSS TONNAGE	1,401	97	6,181
BOATS, MOTOR	1	1,432	2,481
GEAR	1,035	1,436	2,772

ITEM	FISH WHEELS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		
FISHERMEN:			
ON VESSELS	-	-	893
ON BOATS AND SHORE	11	9	3,935
TOTAL	11	9	4,828
VESSELS, MOTOR	-	-	388
GROSS TONNAGE	-	-	20,365
BOATS, MOTOR	-	9	3,860
GEAR	11	-	-

1/ INCLUDES HAUL SEINES.



Stake gill net

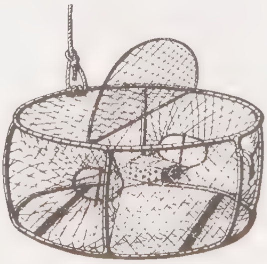
WESTERN REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	PURSE SEINES 1/		POTS, CRAB			
			DUNGENESS		KING	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:						
CHUM OR KETA	271,000	27,101	-	-	-	-
PINK	126,800	14,608	-	-	-	-
RED OR SOCKEYE	51,300	13,859	-	-	-	-
SILVER OR COHO	6,200	1,113	-	-	-	-
TOTAL SALMON	455,300	56,681	-	-	-	-
CRABS:						
DUNGENESS	-	-	16,200	2,430	-	-
KING	-	-	-	-	49,911,400	12,976,968
TOTAL	455,300	56,681	16,200	2,430	49,911,400	12,976,968

SPECIES	POTS, CRAB - CONTINUED		GILL NETS			
	SNOW		ANCHOR, SET, OR STAKE		DRIFT	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ARTIC CHAR	-	-	29,300	4,692	-	-
PIKE OR PICKEREL	-	-	200	38	-	-
SALMON:						
CHINOOK OR KING	-	-	2,130,700	371,102	4,239,000	949,037
CHUM OR KETA	-	-	3,772,300	275,339	5,302,900	790,313
PINK	-	-	15,600	1,716	800	83
RED OR SOCKEYE	-	-	6,194,500	1,612,746	53,278,600	13,749,969
SILVER OR COHO	-	-	162,100	23,139	140,900	22,152
TOTAL SALMON	-	-	12,275,200	2,284,042	62,962,200	15,511,554
SHEEFISH	-	-	5,600	1,127	500	96
WHITEFISH	-	-	13,900	5,138	9,000	3,275
CRABS, SNOW	166,000	16,603	-	-	-	-
TOTAL	166,000	16,603	12,324,200	2,295,037	62,971,700	15,514,925

SPECIES	FISH WHEELS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:				
CHINOOK OR KING	10,600	2,429	-	-
CHUM OR KETA	2,900	292	-	-
SILVER OR COHO	300	31	-	-
TOTAL SALMON	13,800	2,752	-	-
WHITEFISH	22,800	8,413	-	-
KELP (WITH HERRING EGGS)	-	-	51,800	5,180
TOTAL	36,600	11,165	51,800	5,180

1/ INCLUDES HAUL SEINES.



Dungeness crab pot, circular

PACIFIC COAST FISHERIES

WASHINGTON

LANDINGS BY DISTRICTS, 1971

SPECIES	PUGET SOUND		COASTAL		COLUMBIA RIVER	
FISH	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	1,300	980	75,000	2,250	104,000	3,126
CARP	-	-	-	-	195,300	2,136
COD	5,581,600	380,180	27,300	1,771	-	-
FLOUNDERS:						
"SOLE"	4,930,300	420,598	373,300	42,409	-	-
OTHER	438,800	27,113	57,900	3,483	16,400	290
HAKE	7,585,000	75,850	3,053,100	39,384	-	-
HALIBUT	3,734,200	1,022,447	21,200	5,339	3,300	1,047
HERRING, SEA	3,786,900	229,942	-	-	-	-
LINGCOD	2,047,200	149,769	194,700	14,602	3,300	157
OCEAN PERCH	8,106,600	535,756	-	-	-	-
PERCH	222,600	29,049	-	-	-	-
POLLOCK	102,300	4,829	-	-	-	-
RATFISH	128,900	1,289	-	-	-	-
ROCKFISHES	10,455,600	1,041,317	284,600	17,148	21,700	854
SABLEFISH	460,000	68,284	1,800	271	-	-
SALMON:						
CHINOOK OR KING	3,423,000	1,564,961	2,688,400	1,363,962	2,475,400	795,677
CHUM OR KETA	1,388,100	386,525	303,000	69,162	2,900	511
PINK	12,781,000	2,378,218	38,000	7,185	400	105
RED OR SOCKEYE	18,206,800	7,990,601	130,100	61,563	126,200	50,489
SILVER OR COHO	4,907,700	1,548,856	5,027,900	1,606,757	3,509,800	1,068,132
TOTAL SALMON	40,706,600	13,869,161	8,187,400	3,108,629	6,114,700	1,914,914
SHAD	-	-	-	-	25,500	3,688
SHARKS:						
GRAYFISH	121,900	7,315	-	-	-	-
SOUPFIN	-	-	300	13	-	-
TOTAL SHARKS	121,900	7,315	300	13	-	-
SKATES	24,000	485	-	-	-	-
SMELT:						
EULACHON	-	-	-	-	1,633,800	102,527
SURF OR SILVER	31,700	3,668	110,700	10,530	-	-
STEELHEAD TROUT	11,000	5,500	220,000	110,000	151,500	37,504
STURGEON, COMMON	15,700	2,042	210,800	24,955	136,500	30,580
TUNA, ALBACORE	767,400	241,142	2,715,300	823,717	1,798,600	566,578
TOTAL FISH	89,259,600	18,116,716	15,533,400	4,204,501	10,204,600	2,663,401
SHELLFISH, ET AL.						
CRABS, DUNGENESS 1/	802,500	196,230	9,515,600	2,003,700	3,005,400	618,972
CRAWFISH, FRESHWATER	15,800	7,334	-	-	3,500	1,664
SHRIMP:						
BAY	63,000	39,509	-	-	-	-
OCEAN	-	-	678,300	74,618	-	-
CLAMS:						
GEODUCK 2/	152,600	67,445	-	-	-	-
HARD: 2/						
BUTTER	116,500	37,029	-	-	-	-
LITTLE NECK	152,600	81,734	4,100	2,351	-	-
MANILA	190,300	134,336	200	88	-	-
HORSE 2/	500	129	-	-	-	-
SOFT 2/	300	255	-	-	-	-
RAZOR 3/	-	-	170,400	166,162	-	-
TOTAL CLAMS	612,800	320,928	174,700	168,601	-	-
OCTOPUS	40,600	6,078	600	40	-	-
OYSTERS, MARKET:						
PACIFIC 4/	2,644,800	1,438,804	4,160,300	2,091,622	-	-
WESTERN 5/	51,100	211,165	-	-	-	-
TOTAL OYSTERS	2,695,900	1,649,969	4,160,300	2,091,622	-	-
SQUID	4,300	429	-	-	-	-
SEA URCHINS	1,800	90	-	-	-	-
TREPANG (SEA CUCUMBERS)	7,800	781	-	-	-	-
TOTAL SHELLFISH, ET AL.	4,244,500	2,221,348	14,529,500	4,338,581	3,008,900	620,636
GRAND TOTAL	93,504,100	20,338,064	30,062,900	8,543,082	13,213,500	3,284,037

1/ CRABS AVERAGED 22.6 POUNDS PER DOZEN IN THE PUGET SOUND DISTRICT, 23.7 POUNDS PER DOZEN ON THE COAST, AND 23.8 POUNDS PER DOZEN IN THE COLUMBIA RIVER DISTRICT. 2/ BASED ON A YIELD OF 25 PERCENT MEATS. 3/ BASED ON A YIELD OF 42 PERCENT MEATS. 4/ BASED ON A YIELD OF 10 PERCENT MEATS IN THE PUGET SOUND DISTRICT AND 12 PERCENT MEATS IN THE COASTAL DISTRICT. 5/ BASED ON A YIELD OF 18 PERCENT MEATS.

PACIFIC COAST FISHERIES

PUGET SOUND DISTRICT OF WASHINGTON
OPERATING UNITS, 1971

ITEM	HAUL SEINES, COMMON 1/	PURSE SEINES		BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH	BRUSH WEIRS	POUND NETS, FISH 1/
		HERRING	SALMON				
	NUMBER						
FISHERMEN:							
ON VESSELS.	42	29	1,649	2	260	-	-
ON BOATS AND SHORE. . . .	143	9	-	-	-	4	12
TOTAL	185	38	1,649	2	260	4	12
VESSELS, MOTOR.	14	5	277	1	74	-	-
GROSS TONNAGE	190	210	10,519	12	4,223	-	-
BOATS:							
MOTOR	42	5	277	-	-	1	3
OTHER	16	2	-	-	-	-	-
GEAR.	72	7	277	1	74	1	3

ITEM	POTS					GILL NETS	
	CRAB	CRAWFISH	FISH	OCTOPUS	SHRIMP	ANCHOR, SET, OR STAKE 1/	DRIFT, SALMON
	NUMBER						
FISHERMEN:							
ON VESSELS.	92	-	3	-	6	-	445
ON BOATS AND SHORE. . . .	43	21	-	1	13	209	704
TOTAL	135	21	3	1	19	209	1,149
VESSELS, MOTOR.	46	-	1	-	3	-	337
GROSS TONNAGE	1,421	-	45	-	79	-	6,263
BOATS:							
MOTOR	29	20	-	1	10	161	641
OTHER	1	1	-	-	-	22	-
GEAR.	6,530	1,050	100	65	915	183	978

ITEM	LINES					DIP NETS, COMMON	REEF NETS
	HAND	TROLL			LONG OR SET WITH HOOKS		
		SALMON	ALBACORE	OTHER			
	NUMBER						
FISHERMEN:							
ON VESSELS.	-	322	46	13	229	9	-
ON BOATS AND SHORE. . . .	21	852	2	2	2	32	208
TOTAL	21	1,174	48	15	231	41	208
VESSELS, MOTOR.	-	207	18	13	40	3	-
GROSS TONNAGE	-	3,735	651	192	2,094	29	-
BOATS:							
MOTOR	20	710	1	2	1	15	-
OTHER	1	-	-	-	-	-	104
GEAR.	42	3,597	188	30	1,897	41	52

ITEM	DREDGES			SHOVELS	DIVING OUTFITS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	OYSTER					
		COMMON	SUCTION				
	NUMBER						
FISHERMEN:							
ON VESSELS.	4	-	11	-	-	-	2,891
ON BOATS AND SHORE. . . .	4	2	-	250	6	100	2,544
TOTAL	8	2	11	250	6	100	5,435
VESSELS, MOTOR.	2	-	5	-	-	-	928
GROSS TONNAGE	24	-	97	-	-	-	25,922
BOATS:							
MOTOR	2	1	-	-	3	20	1,897
OTHER	-	-	-	-	-	13	157
GEAR.	4	2	10	250	3	-	-

1/ OPERATED ON INDIAN RESERVATIONS.

PACIFIC COAST FISHERIES

PUGET SOUND DISTRICT OF WASHINGTON
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON 1/		PURSE SEINES			
			HERRING		SALMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	1,300	980	-	-	-	-
FLOUNDERS, "SOLE"	100	6	-	-	-	-
HERRING, SEA	707,800	157,408	29,400	3,506	2,916,700	33,752
LINGCOD	-	-	-	-	200	27
PERCH	219,200	28,802	-	-	-	-
ROCKFISHES	300	62	-	-	-	-
SALMON:						
CHINOOK OR KING	34,900	18,140	-	-	1,300,900	564,983
CHUM OR KETA	1,100	381	-	-	461,500	137,551
PINK	218,700	39,185	-	-	9,841,600	1,814,313
RED OR SOCKEYE	1,600	336	-	-	10,534,600	4,611,961
SILVER OR COHO	35,700	10,852	-	-	1,072,000	347,186
SMELT, SURF OR SILVER	28,700	3,354	-	-	-	-
OCTOPUS	-	-	-	-	400	46
TOTAL	1,249,400	259,506	29,400	3,506	26,127,900	7,509,819

SPECIES	BEAM TRAWLS, SHRIMP		OTTER TRAWLS, FISH		BRUSH WEIRS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	5,580,200	380,084	-	-
FLOUNDERS:						
"SOLE"	-	-	4,930,200	420,592	-	-
OTHER	-	-	438,800	27,113	-	-
HAKE	-	-	7,585,000	75,850	-	-
HERRING, SEA	-	-	-	-	8,000	2,154
LINGCOD	-	-	1,880,500	124,120	-	-
OCEAN PERCH	-	-	8,106,600	535,756	-	-
PERCH	-	-	3,400	247	-	-
POLLOCK	-	-	102,300	4,829	-	-
RATFISH	-	-	128,900	1,289	-	-
ROCKFISHES	-	-	10,395,200	1,036,082	-	-
SABLEFISH	-	-	121,200	17,896	-	-
SHARKS, GRAYFISH	-	-	121,900	7,315	-	-
SKATES	-	-	24,000	485	-	-
STURGEON, COMMON	-	-	15,500	2,022	-	-
SHRIMP, BAY	13,200	6,440	-	-	-	-
OCTOPUS	-	-	23,600	2,650	-	-
SQUID	-	-	4,300	429	-	-
TREPANG (SEA CUCUMBER)	7,800	781	-	-	-	-
TOTAL	21,000	7,221	39,461,600	2,636,759	8,000	2,154

SPECIES	POUND NETS, FISH 2/		POTS			
			CRAB		CRAWFISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:						
CHINOOK OR KING	36,500	16,401	-	-	-	-
CHUM OR KETA	3,300	821	-	-	-	-
PINK	169,600	28,352	-	-	-	-
RED OR SOCKEYE	3,700	1,586	-	-	-	-
SILVER OR COHO	79,000	24,554	-	-	-	-
CRABS, DUNGENESS 3/	-	-	802,500	196,230	-	-
CRAWFISH, FRESH-WATER	-	-	-	-	15,800	7,334
TOTAL	292,100	71,714	802,500	196,230	15,800	7,334

SPECIES	POTS - CONTINUED					
	FISH		OCTOPUS		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
LINGCOD	800	100	-	-	-	-
ROCKFISHES	900	115	-	-	-	-
SABLEFISH	264,500	35,610	-	-	-	-
SHRIMP, BAY	-	-	-	-	49,800	33,069
OCTOPUS	-	-	16,600	3,382	-	-
TOTAL	266,200	35,825	16,600	3,382	49,800	33,069

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

PUGET SOUND DISTRICT OF WASHINGTON
LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	GILL NETS				LINES	
	ANCHOR, SET, OR STAKE 2/		DRIFT, SALMON		HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	200	12	-	-	100	7
LINGCOD	-	-	800	67	16,900	2,747
ROCKFISHES	-	-	600	39	900	102
SALMON:						
CHINOOK OR KING	425,500	163,329	894,200	386,435	-	-
CHUM OR KETA	277,600	48,178	637,400	197,879	-	-
PINK	235,300	46,003	1,647,300	318,736	-	-
RED OR SOCKEYE	117,200	46,541	6,404,600	2,816,723	-	-
SILVER OR COHO	693,500	194,967	2,011,400	641,715	-	-
STEELHEAD TROUT	11,000	5,500	-	-	-	-
STURGEON, COMMON	-	-	200	20	-	-
TOTAL	1,760,300	504,530	11,596,500	4,361,614	17,900	2,856

SPECIES	LINES - CONTINUED					
	TROLL					
	SALMON		ALBACORE		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HAKE	21,900	6,483	-	-	-	-
HERRING, SEA	59,300	6,191	-	-	-	-
LINGCOD	-	-	-	-	57,900	13,044
ROCKFISHES	26,800	1,637	-	-	3,000	176
SALMON:						
CHINOOK OR KING	697,800	402,448	-	-	-	-
CHUM OR KETA	400	83	-	-	-	-
PINK	65,100	14,341	-	-	-	-
RED OR SOCKEYE	2,100	820	-	-	-	-
SILVER OR COHO	952,400	308,604	-	-	-	-
TUNA, ALBACORE	-	-	767,400	241,142	-	-
TOTAL	1,825,800	740,607	767,400	241,142	60,900	13,220

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		REEF NETS	
	LONG OR SET WITH HOOKS					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	1,100	77	-	-	-	-
HALIBUT	3,712,300	1,015,964	-	-	-	-
HERRING, SEA	-	-	125,000	33,122	-	-
LINGCOD	30,800	3,473	-	-	-	-
ROCKFISHES	27,900	3,104	-	-	-	-
SABLEFISH	74,300	14,778	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	-	-	33,200	13,225
CHUM OR KETA	-	-	-	-	6,800	1,632
PINK	-	-	-	-	603,400	117,288
RED OR SOCKEYE	-	-	-	-	1,143,000	512,634
SILVER OR COHO	-	-	-	-	63,700	20,978
SMELT, SURF OR SILVER	-	-	3,000	314	-	-
TOTAL	3,846,400	1,037,396	128,000	33,436	1,850,100	665,757

SPECIES	DREDGES				SHOVELS		DIVING OUTFITS	
	CLAM		OYSTER AND BY HAND					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS: 4/								
GEODUCK	-	-			-	-	152,600	67,445
HARD:			-	-				
BUTTER	108,100	34,321	-	-	8,400	2,708	-	-
LITTLE NECK	43,600	24,724	-	-	109,000	57,010	-	-
MANILA	-	-	-	-	190,300	134,336	-	-
HORSE	500	129	-	-	-	-	-	-
SOFT	300	255	-	-	-	-	-	-
OYSTERS, MARKET: 5/								
PACIFIC	-	-	2,644,800	1,438,804	-	-	-	-
WESTERN	-	-	51,100	211,165	-	-	-	-
SEA URCHINS	-	-	-	-	-	-	1,800	90
TOTAL	152,500	59,429	2,695,900	1,649,969	307,700	194,054	154,400	67,535

1/ SALMON CAUGHT BY HAUL SEINES WERE TAKEN ON INDIAN RESERVATIONS. 2/ FISHED ON INDIAN RESERVATIONS.
3/ BASED ON AN AVERAGE OF 22.6 POUNDS PER DOZEN. 4/ BASED ON A YIELD OF 25 PERCENT MEATS. 5/ BASED ON A YIELD OF 10 PERCENT MEATS FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.

PACIFIC COAST FISHERIES

COASTAL DISTRICT OF WASHINGTON
OPERATING UNITS, 1971

	HAUL SEINES, COMMON 1/	OTTER TRAWLS		POTS, CRAB
		FISH	SHRIMP	
	NUMBER			
FISHERMEN:				
ON VESSELS.	-	22	24	269
ON BOATS AND SHORE. . . .	125	-	-	51
TOTAL	125	22	24	320
VESSELS, MOTOR.	-	8	8	106
GROSS TONNAGE	-	696	432	3,478
BOATS:				
MOTOR	35	-	-	26
OTHER	7	-	-	-
GEAR.	35	8	8	33,627

ITEM	GILL NETS		LINES	
	ANCHOR, SET, OR STAKE 1/	DRIFT, SALMON	HAND, ALBACORE	TROLL
				SALMON
	NUMBER			
FISHERMEN:				
ON VESSELS.	-	39	60	919
ON BOATS AND SHORE. . . .	150	290	-	1,445
TOTAL	150	329	60	2,364
VESSELS, MOTOR.	-	27	12	562
GROSS TONNAGE	-	283	898	9,521
BOATS:				
MOTOR	116	260	2	1,204
OTHER	13	10	-	-
GEAR.	129	297	60	7,201

ITEM	LINES - CONTINUED			DIP NETS, COMMON 1/
	TROLL - CONTINUED		LONG OR SET WITH HOOKS	
	ALBACORE	OTHER		
	NUMBER			
FISHERMEN:				
ON VESSELS.	203	5	-	-
ON BOATS AND SHORE. . . .	5	4	4	25
TOTAL	208	9	4	25
VESSELS, MOTOR.	96	5	-	-
GROSS TONNAGE	1,707	113	-	-
BOATS:				
MOTOR	3	4	2	9
OTHER	-	-	-	3
GEAR.	902	18	8	25

ITEM	DREDGES, OYSTER		SHOVELS 1/	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	COMMON	SUCTION			
	NUMBER				
FISHERMEN:					
ON VESSELS.	36	6	-	-	1,315
ON BOATS AND SHORE. . . .	4	-	290	1[illegible]0	2,468
TOTAL	40	6	290	1[illegible]0	3,783
VESSELS, MOTOR.	19	1	-	-	694
GROSS TONNAGE	420	27	-	-	14,316
BOATS:					
MOTOR	2	-	-	10	1,649
OTHER	-	-	-	15	48
GEAR.	40	3	290	-	-

1/ OPERATED ON INDIAN RESERVATIONS.

COASTAL DISTRICT OF WASHINGTON
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON 1/		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	75,000	2,250	-	-	-	-
COD	-	-	27,300	1,771	-	-
FLOUNDERS:						
"SOLE"	-	-	370,600	42,231	2,700	178
OTHER	-	-	57,500	3,463	-	-
HAKE	-	-	3,053,100	39,384	-	-
LINGCOD	-	-	104,100	6,808	9,100	601
ROCKFISHES	-	-	133,600	8,442	15,300	946
SABLEFISH	-	-	1,700	264	100	7
SMELT, SURF OR SILVER	108,400	10,141	-	-	-	-
STURGEON, COMMON	-	-	2,300	158	-	-
SHRIMP, OCEAN	-	-	-	-	678,300	74,618
OCTOPUS	-	-	600	40	-	-
TOTAL	183,400	12,391	3,750,800	102,561	705,500	76,350

SPECIES	POTS, CRAB		GILL NETS			
			ANCHOR, SET, OR STAKE 1/		DRIFT, SALMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, OTHER	-	-	-	-	400	20
ROCKFISHES	-	-	-	-	1,500	80
SALMON:						
CHINOOK OR KING	-	-	286,100	124,395	357,100	142,675
CHUM OR KETA	-	-	20,300	5,334	282,300	63,744
PINK	-	-	200	48	-	-
RED OR SOCKEYE	-	-	129,500	61,362	-	-
SILVER OR COHO	-	-	306,600	105,235	706,300	242,477
SHARKS, SOUPFIN	-	-	-	-	300	13
STEELHEAD TROUT	-	-	220,000	110,000	-	-
STURGEON, COMMON	-	-	-	-	199,000	22,408
CRABS, DUNGENESS 2/	9,515,600	2,003,700	-	-	-	-
TOTAL	9,515,600	2,003,700	962,700	406,374	1,546,900	471,417

SPECIES	LINES					
	HAND, ALBACORE		TROLL			
			SALMON		ALBACORE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HALIBUT	-	-	21,200	5,339	-	-
LINGCOD	-	-	64,100	4,757	-	-
ROCKFISHES	-	-	134,200	7,680	-	-
SALMON:						
CHINOOK OR KING	-	-	2,045,200	1,096,892	-	-
CHUM OR KETA	-	-	400	84	-	-
PINK	-	-	37,800	7,137	-	-
RED OR SOCKEYE	-	-	600	201	-	-
SILVER OR COHO	-	-	4,015,000	1,259,045	-	-
TUNA, ALBACORE	145,500	45,120	-	-	2,569,800	778,597
TOTAL	145,500	45,120	6,318,500	2,381,135	2,569,800	778,597

SPECIES	LINES - CONTINUED				DIP NETS, COMMON 1/	
	TROLL - CONTINUED		LONG OR SET WITH HOOKS			
	OTHER					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
LINGCOD	17,400	2,436	-	-	-	-
SMELT, SURF OR SILVER	-	-	-	-	2,300	389
STURGEON, COMMON	-	-	9,500	2,389	-	-
TOTAL	17,400	2,436	9,500	2,389	2,300	389

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

COASTAL DISTRICT OF WASHINGTON
LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	DREDGES AND BY HAND, OYSTER		SHOVELS 1/	
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:				
HARD: 3/				
LITTLE NECK	-	-	4,100	2,351
MANILA.	-	-	200	88
RAZOR 4/.	-	-	170,400	166,162
OYSTERS, MARKET,				
PACIFIC 5/.	4,160,300	2,091,622	-	-
TOTAL	4,160,300	2,091,622	174,700	168,601

1/ FISHED ON INDIAN RESERVATIONS. 2/ BASED ON AN AVERAGE OF 23.7 POUNDS PER DOZEN. 3/ BASED ON A YIELD OF 25 PERCENT MEATS. 4/ BASED ON A YIELD OF 42 PERCENT MEATS. 5/ BASED ON A YIELD OF 12 PERCENT MEATS.

COLUMBIA RIVER DISTRICT OF WASHINGTON
OPERATING UNITS, 1971

ITEM	HAUL SEINES, COMMON	BEAM TRAWLS, OTHER	POTS		GILL NETS		
			CRAB	CRAWFISH	ANCHOR, SET, OR STAKE 1/	DRIFT	
						SALMON	OTHER
	NUMBER						
FISHERMEN:							
ON VESSELS.	-	-	62	-	-	19	-
ON BOATS AND SHORE. . . .	120	6	2	2	85	227	17
TOTAL	120	6	64	2	85	246	17
VESSELS, MOTOR.	-	-	25	-	-	12	-
GROSS TONNAGE	-	-	731	-	-	114	-
BOATS:							
MOTOR	30	3	1	2	60	210	17
OTHER	15	-	-	-	-	-	-
GEAR.	30	3	6,125	100	70	222	17

ITEM	LINES			DIP NETS, COMMON	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND, ALBACORE	TROLL			
		SALMON	ALBACORE		
	NUMBER				
FISHERMEN:					
ON VESSELS.	43	404	182	-	4,251
ON BOATS AND SHORE. . . .	-	1,160	30	120	6,489
TOTAL	43	1,564	212	120	10,740
VESSELS, MOTOR.	13	243	87	-	1,617
GROSS TONNAGE	552	4,159	2,092	-	39,459
BOATS:					
MOTOR	12	996	21	32	4,717
OTHER	-	-	-	4	234
GEAR.	43	4,774	918	120	-

1/ OPERATED ON INDIAN RESERVATIONS.

COLUMBIA RIVER DISTRICT OF WASHINGTON LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		BEAM TRAWLS		POTS	
					CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	104,000	3,126	-	-	-	-
CARP	195,300	2,136	-	-	-	-
SMELT, EULACHON	-	-	28,200	2,820	-	-
CRABS, DUNGENESS 2/	-	-	-	-	3,005,400	618,972
TOTAL	299,300	5,262	28,200	2,820	3,005,400	618,972

SPECIES	POTS - CONTINUED		GILL NETS			
	CRAWFISH		ANCHOR, SET, OR STAKE 1/		DRIFT	
					SALMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, OTHER	-	-	-	-	16,400	290
ROCKFISHES	-	-	-	-	100	1
SALMON:						
CHINOOK OR KING	-	-	897,700	189,258	1,206,800	435,867
CHUM OR KETA	-	-	-	-	2,900	511
RED OR SOCKEYE	-	-	57,800	23,374	68,300	27,074
SILVER OR COHO	-	-	56,000	13,854	525,600	138,517
SHAD	-	-	8,900	1,249	16,600	2,439
STEELHEAD TROUT	-	-	127,900	31,400	20,100	5,259
STURGEON, COMMON	-	-	12,600	3,134	123,900	27,446
CRAWFISH, FRESHWATER	3,500	1,664	-	-	-	-
TOTAL	3,500	1,664	1,160,900	262,269	1,980,700	637,404

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT - CONTINUED		HAND, ALBACORE		TROLL	
	OTHER				SALMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HALIBUT	-	-	-	-	3,300	1,047
LINGCOD	-	-	-	-	3,300	157
ROCKFISHES	-	-	-	-	21,600	853
SALMON:						
CHINOOK OR KING	-	-	-	-	310,800	154,385
PINK	-	-	-	-	400	105
SILVER OR COHO	-	-	-	-	2,900,500	909,429
SMELT, EULACHON	103,100	10,735	-	-	-	-
TUNA, ALBACORE	-	-	467,900	147,392	-	-
TOTAL	103,100	10,735	467,900	147,392	3,239,900	1,065,976

SPECIES	LINES - CONTINUED		DIP NETS, COMMON 1/	
	TROLL - CONTINUED			
	ALBACORE			
	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:				
CHINOOK OR KING	-	-	60,100	16,167
RED OR SOCKEYE	-	-	100	41
SILVER OR COHO	-	-	27,700	6,332
SMELT, EULACHON	-	-	1,502,500	88,972
STEELHEAD TROUT	-	-	3,500	845
TUNA, ALBACORE	1,330,700	419,186	-	-
TOTAL	1,330,700	419,186	1,593,900	112,357

1/ FISHED ONLY ON INDIAN RESERVATIONS.

2/ CRABS AVERAGED 23.8 POUNDS PER DOZEN.

PACIFIC COAST FISHERIES
OREGON
LANDINGS BY DISTRICTS, 1971

SPECIES	COLUMBIA RIVER		COASTAL	
FISH	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	-	-	18,700	3,753
COD	483,000	32,599	100	8
FLOUNDERS:				
"SOLE"	5,107,600	483,786	7,056,700	663,301
OTHER	997,200	40,466	260,000	10,996
HAKE	-	-	5,900	149
HALIBUT	1,900	677	89,900	31,622
HERRING, SEA	-	-	25,000	5,002
LAMPREY	3,000	600	300	55
LINGCOD	791,300	53,409	742,700	51,270
OCEAN PERCH	978,700	66,066	760,300	52,517
PERCH	5,900	398	100	5
ROCKFISHES	1,853,900	122,413	2,421,800	167,415
SABLEFISH	139,100	5,464	294,800	30,469
SALMON:				
CHINOOK OR KING	4,025,400	1,501,075	991,500	512,960
CHUM OR KETA	3,100	304	-	-
PINK	100	27	10,300	2,556
RED OR SOCKEYE	163,400	65,390	-	-
SILVER OR COHO	2,483,500	672,246	9,295,100	2,909,477
TOTAL SALMON	6,675,500	2,239,042	10,296,900	3,424,993
SEA BASS, WHITE	700	66	4,500	418
SHAD	152,000	13,754	321,800	45,554
SHARKS, GRAYFISH	3,800	77	300	5
SKATES	20,100	554	5,400	138
SMELT:				
EULACHON	127,900	34,541	-	-
SURF OR SILVER	-	-	6,400	1,977
STEELHEAD TROUT	313,100	89,161	-	-
STRIPED BASS	-	-	67,100	10,004
STURGEON, COMMON	237,700	22,250	9,700	531
TURBOT	2,000	54	100	3
TUNA:				
ALBACORE	6,621,400	2,085,724	1,798,200	566,455
SKIPJACK	751,000	145,318	-	-
YELLOWFIN	3,921,600	842,749	-	-
TOTAL TUNA	11,294,000	3,073,791	1,798,200	566,455
TOTAL FISH	29,188,400	6,279,168	24,186,700	5,066,640
SHELLFISH ET AL.				
CRABS, DUNGENESS	5,147,200	1,183,879	9,728,600	3,061,485
CRAWFISH, FRESHWATER	40,000	16,010	-	-
SHRIMP:				
OCEAN	1,797,200	207,536	7,277,800	900,908
SAND	-	-	8,000	8,002
CLAMS:				
HARD: 1/				
BUTTER	-	-	100	27
LITTLE NECK	-	-	200	76
RAZOR 2/	-	-	12,600	18,142
MIXED 1/	-	-	7,000	3,311
TOTAL CLAMS	-	-	19,900	21,556
OCTOPUS	-	-	2,800	440
OYSTERS, MARKET: 3/				
PACIFIC	-	-	278,200	133,936
WESTERN	-	-	700	2,984
TOTAL OYSTERS	-	-	278,900	136,920
TOTAL SHELLFISH ET AL.	6,984,400	1,407,425	17,316,000	4,129,311
GRAND TOTAL	36,172,800	7,686,593	41,502,700	9,195,951

1/ BASED ON A YIELD OF 25 PERCENT MEATS.
2/ BASED ON A YIELD OF 42 PERCENT MEATS.
3/ BASED ON A YIELD OF 12 PERCENT MEATS FOR PACIFIC AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS

PACIFIC COAST FISHERIES

COLUMBIA RIVER DISTRICT OF OREGON
OPERATING UNITS, 1971

ITEM	PURSE SEINES, TUNA	OTTER TRAWLS		POTS		GILL NETS
		FISH	SHRIMP	CRAB	CRAWFISH	ANCHOR, SET, OR STAKE 1/
	NUMBER					
FISHERMEN:						
ON VESSELS	14	79	35	122	-	-
ON BOATS AND SHORE	-	-	-	34	41	141
TOTAL	14	79	35	156	41	141
VESSELS, MOTOR	1	21	10	49	-	-
GROSS TONNAGE	864	1,270	535	1,077	-	-
BOATS:						
MOTOR	-	-	-	16	35	122
OTHER	1	-	-	-	-	5
GEAR	1	21	14	15,135	1,750	127

ITEM	GILL NETS - CONTINUED		LINES			DIP NETS, COMMON 1/	TOTAL, EXCLUSIVE OF DUPLICATION
	DRIFT		HAND, TUNA	TROLL			
	SALMON	SMELT		SALMON	ALBACORE		
	NUMBER						
FISHERMEN:							
ON VESSELS	68	-	65	313	695	-	1,032
ON BOATS AND SHORE	606	20	-	139	22	29	973
TOTAL	674	20	65	452	717	29	2,005
VESSELS, MOTOR	45	-	12	173	286	-	426
GROSS TONNAGE	943	-	903	3,319	8,943	-	13,362
BOATS:							
MOTOR	404	20	7	116	14	-	690
OTHER	-	-	-	-	-	-	5
GEAR	449	20	64	1,420	2,858	29	-

1/ FISHED ON INDIAN RESERVATIONS.

COLUMBIA RIVER DISTRICT OF OREGON
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	PURSE SEINES, TUNA		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	482,800	32,585	200	14
FLOUNDERS:						
"SOLE"	-	-	5,096,900	482,786	10,700	1,000
OTHER	-	-	873,800	33,682	100	6
LINGCOD	-	-	756,300	51,060	7,100	479
OCEAN PERCH	-	-	978,700	66,066	-	-
PERCH	-	-	5,700	383	200	15
ROCKFISHES	-	-	1,789,500	118,081	40,600	2,737
SABLEFISH	-	-	137,200	5,239	1,600	191
SEA BASS, WHITE	-	-	200	17	500	49
SHARKS, GRAYFISH	-	-	3,800	77	-	-
SKATES	-	-	20,100	554	-	-
STURGEON, COMMON	-	-	4,500	269	-	-
TURBOT	-	-	2,000	54	-	-
TUNA:						
SKIPJACK	751,000	145,318	-	-	-	-
YELLOWFIN	3,918,400	842,071	-	-	-	-
SHRIMP, OCEAN	-	-	-	-	1,797,200	207,536
TOTAL	4,669,400	987,389	10,151,500	790,853	1,858,200	212,027

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

COLUMBIA RIVER DISTRICT OF OREGON
LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	POTS				GILL NETS	
	CRAB		CRAWFISH		ANCHOR, SET, OR STAKE 1/	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:						
CHINOOK OR KING	-	-	-	-	285,600	100,153
RED OR SOCKEYE.	-	-	-	-	12,100	4,843
SILVER OR COHO.	-	-	-	-	27,900	7,062
SHAD.	-	-	-	-	29,500	1,873
STEELHEAD TROUT	-	-	-	-	90,700	23,561
STURGEON, COMMON.	-	-	-	-	23,400	2,354
CRABS, DUNGENESS.	5,147,200	1,183,879	-	-	-	-
CRAWFISH, FRESHWATER. . . .	-	-	40,000	16,010	-	-
TOTAL	5,147,200	1,183,879	40,000	16,010	469,200	139,846

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT				HAND, TUNA	
	SALMON		SMELT			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, OTHER.	123,300	6,778	-	-	-	-
SALMON:						
CHINOOK OR KING	3,563,900	1,320,957	-	-	-	-
CHUM OR KETA.	3,100	304	-	-	-	-
RED OR SOCKEYE.	139,700	55,903	-	-	-	-
SILVER OR COHO.	1,665,900	418,079	-	-	-	-
SHAD.	113,900	11,089	-	-	-	-
SMELT, EULACHON	-	-	127,900	34,541	-	-
STEELHEAD TROUT	213,600	62,924	-	-	-	-
STURGEON, COMMON.	209,800	19,627	-	-	-	-
TUNA:						
ALBACORE.	-	-	-	-	568,100	178,936
YELLOWFIN	-	-	-	-	3,200	678
TOTAL	6,033,200	1,895,661	127,900	34,541	571,300	179,614

SPECIES	LINES - CONTINUED				DIP NETS, COMMON	
	TROLL					
	SALMON		ALBACORE			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HALIBUT	1,900	677	-	-	-	-
LAMPREY	-	-	-	-	3,000	600
LINGCOD	27,900	1,870	-	-	-	-
ROCKFISHES.	23,800	1,595	-	-	-	-
SABLEFISH	300	34	-	-	-	-
SALMON:						
CHINOOK OR KING	162,700	75,427	-	-	13,200	4,538
PINK.	100	27	-	-	-	-
RED OR SOCKEYE.	-	-	-	-	11,600	4,644
SILVER OR COHO.	788,700	246,859	-	-	1,000	246
SHAD.	-	-	-	-	8,600	792
STEELHEAD TROUT	200	48	-	-	8,600	2,628
TUNA, ALBACORE.	-	-	6,053,300	1,906,788	-	-
TOTAL	1,005,600	326,537	6,053,300	1,906,788	46,000	13,448

1/ FISHED ONLY ON INDIAN RESERVATIONS.

NOTE:--THE FOLLOWING SPECIES LANDED IN THE COLUMBIA RIVER DISTRICT WERE CAUGHT OFF THE COAST: COD, "SOLE", HALIBUT, LINGCOD, PERCH, OCEAN PERCH, ROCKFISHES, SABLEFISH, SHARKS, SKATES, TUNA, CRAB, SHRIMP, FLOUNDERS, AND STURGEON CAUGHT BY OTTER TRAWLS, AND MOST OF THE SALMON CAUGHT BY TROLLERS. SKIPJACK AND YELLOWFIN TUNA WERE TAKEN IN TROPICAL WATERS.

PACIFIC COAST FISHERIES

COASTAL DISTRICT OF OREGON
OPERATING UNITS, 1971

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS, CRAB	GILL NETS	
		FISH	SHRIMP		ANCHOR, SET, OR STAKE	DRIFT, SHAD
	NUMBER					
FISHERMEN:						
ON VESSELS	3	104	138	372	-	-
ON BOATS AND SHORE	21	-	-	102	18	39
TOTAL	24	104	138	474	18	39
VESSELS, MOTOR	1	32	42	149	-	-
GROSS TONNAGE	14	1,325	1,918	3,557	-	-
BOATS:						
MOTOR	7	-	-	68	14	35
OTHER	-	-	-	-	3	-
GEAR	8	32	51	48,670	50	35

ITEM	LINES				DIP NETS, COMMON	DREDGES, OYSTER, COMMON
	TROLL			LONG OR SET WITH HOOKS		
	SALMON	ALBACORE	OTHER			
	NUMBER					
FISHERMEN:						
ON VESSELS	1,112	666	5	19	-	4
ON BOATS AND SHORE	1,582	77	5	2	8	7
TOTAL	2,694	743	10	21	8	11
VESSELS, MOTOR	644	299	5	7	-	2
GROSS TONNAGE	11,401	6,596	71	118	-	35
BOATS, MOTOR	1,438	55	5	1	3	3
GEAR	5,814	3,121	20	95	8	10

ITEM	SHOVELS	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
		OYSTER	OTHER	
	NUMBER			
FISHERMEN:				
ON VESSELS	-	-	-	1,531
ON BOATS AND SHORE	75	24	13	1,753
TOTAL	75	24	13	3,284
VESSELS, MOTOR	-	-	-	750
GROSS TONNAGE	-	-	-	15,365
BOATS:				
MOTOR	-	4	-	1,483
OTHER	-	2	-	5
GEAR	75	-	12	-

COASTAL DISTRICT OF OREGON
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	18,700	3,753	-	-	-	-
COD	-	-	-	-	100	8
FLOUNDERS:						
"SOLE"	-	-	6,972,100	655,922	83,900	7,272
OTHER	-	-	259,900	10,994	-	-
HAKE	-	-	5,900	149	-	-
HERRING, SEA	25,000	5,002	-	-	-	-
LAMPREY	-	-	100	19	-	-
LINGCOD	-	-	537,000	37,387	73,300	5,011
OCEAN PERCH	-	-	692,600	47,947	67,400	4,551
ROCKFISHES	-	-	1,751,200	121,588	359,000	24,696
SABLEFISH	-	-	267,700	27,301	13,300	1,607
SHAD	-	-	200	30	-	-
SHARKS, GRAYFISH	-	-	300	5	-	-
SKATES	-	-	5,400	138	-	-
STURGEON, COMMON	-	-	7,700	423	2,000	108
TURBOT	-	-	100	3	-	-
SHRIMP, OCEAN	-	-	-	-	7,277,800	900,908
OCTOPUS	-	-	1,700	267	1,100	173
TOTAL	43,700	8,755	10,501,900	902,173	7,877,900	944,334

(CONTINUED ON NEXT PAGE)

COASTAL DISTRICT OF OREGON
LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	POTS, CRAB		GILL NETS			
			ANCHOR, SET, OR STAKE		DRIFT, SHAD	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SHAD	-	-	105,200	15,148	216,400	30,376
STRIPED BASS	-	-	13,300	1,992	53,800	8,012
CRABS, DUNGENESS	9,728,600	3,061,485	-	-	-	-
TOTAL	9,728,600	3,061,485	118,500	17,140	270,200	38,388

SPECIES	LINES					
	TROLL					
	SALMON		ALBACORE		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
"SOLE"	400	59	-	-	-	-
OTHER	100	2	-	-	-	-
HALIBUT	50,000	17,639	-	-	-	-
LINGCOD	125,500	8,414	-	-	2,200	153
OCEAN PERCH	300	19	-	-	-	-
PERCH	-	-	-	-	100	5
ROCKFISHES	299,200	20,291	-	-	8,700	590
SALMON:						
CHINOOK OR KING	991,500	512,960	-	-	-	-
PINK	10,300	2,556	-	-	-	-
SILVER OR COHO	9,295,100	2,909,477	-	-	-	-
SEA BASS, WHITE	4,500	418	-	-	-	-
TUNA, ALBACORE	-	-	1,798,200	566,455	-	-
TOTAL	10,776,900	3,471,835	1,798,200	566,455	11,000	748

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		SHOVELS	
	LONG OR SET WITH HOOKS					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, "SOLE"	300	48	-	-	-	-
HALIBUT	39,900	13,983	-	-	-	-
LAMPREY	-	-	200	36	-	-
LINGCOD	4,700	305	-	-	-	-
ROCKFISHES	3,700	250	-	-	-	-
SABLEFISH	13,800	1,561	-	-	-	-
SMELT, SURF OR SILVER	-	-	6,400	1,977	-	-
CLAMS:						
HARD: 1/						
BUTTER	-	-	-	-	100	27
LITTLE NECK	-	-	-	-	200	76
RAZOR 2/	-	-	-	-	12,600	18,142
MIXED 1/	-	-	-	-	7,000	3,311
TOTAL	62,400	16,147	6,600	2,013	19,900	21,556

SPECIES	DREDGES AND BY HAND, OYSTER		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
SAND SHRIMP	-	-	8,000	8,002
OYSTERS, MARKET: 3/				
PACIFIC	278,200	133,936	-	-
WESTERN	700	2,984	-	-
TOTAL	278,900	136,920	8,000	8,002

1/ BASED ON A YIELD OF 25 PERCENT MEATS.

2/ BASED ON A YIELD OF 42 PERCENT MEATS.

3/ OYSTER MEATS. BASED ON A YIELD OF 12 PERCENT MEATS FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.

PACIFIC COAST FISHERIES

CALIFORNIA

LANDINGS BY DISTRICTS, 1971

SPECIES	NORTHERN		SAN FRANCISCO		MONTEREY	
FISH	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	-	-	318,700	35,056	2,409,000	29,872
BONITO	-	-	5,200	321	16,800	933
CABEZONE	-	-	100	15	2,600	212
CARP	-	-	271,900	36,923	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	2,400	155	200	9	-	-
CALIFORNIA HALIBUT	100	35	63,700	18,574	47,900	16,544
SAND DABS	441,400	46,700	252,900	27,719	89,200	8,706
"SOLE":						
DOVER	12,541,900	1,053,520	1,625,000	119,112	59,700	3,751
ENGLISH	1,192,300	130,200	1,048,500	112,505	311,700	33,474
PETRALE	1,657,500	273,818	1,379,600	225,419	239,300	40,895
REX	1,049,300	121,088	260,100	30,842	108,700	11,797
SAND	110,900	12,856	144,400	17,865	7,300	921
OTHER	125,600	6,946	120,300	8,541	38,500	4,109
HAKE	-	-	15,800	687	600	9
HERRING, SEA	-	-	18,700	6,620	222,300	12,137
JACK MACKEREL	-	-	1,200	65	163,800	9,763
LINGCOD	1,174,200	113,315	429,800	35,592	264,300	29,178
PERCH	73,500	14,270	45,000	15,154	29,200	5,001
POMPANO	-	-	-	-	4,700	2,642
ROCKFISHES	4,780,000	306,457	1,246,000	97,402	2,398,300	209,970
SABLEFISH	2,583,000	179,001	641,800	32,538	1,197,800	78,457
SALMON:						
CHINOOK OR KING	2,896,100	1,795,520	1,686,800	1,180,900	249,700	175,000
PINK	7,000	3,000	-	-	-	-
SILVER OR COHO	2,730,000	1,244,220	426,000	269,941	21,000	14,770
TOTAL SALMON	5,633,100	3,042,740	2,112,800	1,450,841	270,700	189,770
SEA BASS, WHITE	-	-	-	-	2,300	1,002
SHARKS, UNCLASSIFIED	700	50	46,400	2,430	9,100	569
SKATES	11,500	(1)	4,500	116	45,000	1,007
SMELT	167,900	13,284	49,200	5,802	23,500	3,210
TUNA, ALBACORE	3,079,800	893,764	6,995,800	2,060,975	10,335,900	3,049,090
TURBOT	1,800	190	4,400	230	-	-
WHITEBAIT	140,100	15,593	6,600	817	-	-
WHITE CROAKER	-	-	4,800	529	99,200	6,924
UNCLASSIFIED:						
FOR FOOD	300	47	330,100	110,123	1,500	1,601
FOR BAIT AND ANIMAL FOOD	407,900	8,158	7,900	3,886	1,400	21
TOTAL FISH	35,175,200	6,232,187	17,451,400	4,456,708	18,400,300	3,751,565
SHELLFISH ET AL.						
CRABS:						
DUNGENESS	9,274,700	2,665,548	384,500	154,031	500	247
ROCK	-	-	-	-	500	27
TOTAL CRABS	9,274,700	2,665,548	384,500	154,031	1,000	274
CRAWFISH, FRESHWATER	-	-	138,000	55,358	-	-
SHRIMP, OCEAN	3,077,800	400,114	2,600	1,057	-	-
ABALONE	-	-	25,100	10,606	-	-
OCTOPUS	800	54	600	45	300	80
OYSTERS, MARKET:						
EASTERN 2/	-	-	13,900	40,700	-	-
PACIFIC 3/	692,500	602,475	198,400	172,609	-	-
TOTAL OYSTERS	692,500	602,475	212,300	213,309	-	-
SQUID	-	-	-	-	16,646,400	512,852
SHELLFISH, UNCLASSIFIED	-	-	600	420	12,900	11,328
TOTAL SHELLFISH ET AL.	13,045,800	3,668,191	763,700	434,826	16,660,600	524,534
WHALE PRODUCTS						
MEAL	-	-	378,800	30,300	-	-
MEAT	-	-	346,900	34,700	-	-
OIL:						
SPERM	-	-	344,100	34,400	-	-
WHALE	-	-	73,800	5,100	-	-
TOTAL WHALE PRODUCTS	-	-	1,143,600	104,500	-	-
GRAND TOTAL	48,221,000	9,900,378	19,358,700	4,996,034	35,060,900	4,276,099

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CALIFORNIA - LANDINGS BY DISTRICTS, 1971 - Continued

SPECIES	SANTA BARBARA		SAN PEDRO		SAN DIEGO	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	19,721,600	268,214	67,255,400	759,986	-	-
BARRACUDA	400	130	9,000	3,049	7,900	2,455
BONITO	619,800	48,903	17,111,700	1,558,877	2,515,200	232,153
CABEZONE	1,700	149	-	-	-	-
CARP	-	-	6,800	975	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	134,100	54,819	78,800	30,600	12,300	5,708
SAND DABS	1,300	65	500	100	200	46
"SOLE":						
DOVER	22,100	1,793	-	-	-	-
ENGLISH	409,200	39,364	2,400	286	-	-
PETRALE	411,800	67,741	16,200	2,760	-	-
REX	49,800	5,695	-	-	-	-
SAND	29,800	4,170	-	-	-	-
OTHER	23,500	2,535	200	26	1,200	339
FLYING FISH	-	-	160,300	24,000	-	-
HAKE	18,300	366	-	-	-	-
HALFMOON	-	-	10,500	2,617	12,600	2,948
JACK MACKEREL	2,296,000	91,844	57,411,853	2,313,697	12,600	875
LINGCOD	225,800	22,445	3,200	367	500	59
MACKEREL, PACIFIC	-	-	153,547	7,230	-	-
OPALEYE	-	-	3,200	670	2,100	282
PERCH	11,400	3,054	15,000	3,028	10,800	2,247
POMPANO	1,500	367	175,800	40,679	-	-
ROCKFISHES	1,915,800	155,029	453,100	93,402	506,700	121,709
SABLEFISH	800	33	-	-	500	50
SALMON:						
CHINOOK OR KING	92,000	69,219	-	-	-	-
SILVER OR COHO	8,100	4,400	-	-	-	-
TOTAL SALMON	100,100	73,619	-	-	-	-
SARDINE, PACIFIC	-	-	163,700	35,163	134,200	33,550
SEA BASS:						
BLACK	800	184	104,400	23,949	12,000	3,192
WHITE	166,900	62,605	421,400	163,967	233,300	99,992
SHARKS, UNCLASSIFIED	44,400	5,637	120,900	16,974	199,900	37,983
SHEEPSHEAD	400	47	6,100	610	2,400	356
SKATES	200	16	-	-	-	-
SMELT	-	-	107,800	5,785	-	-
SWORDFISH	28,300	15,272	53,500	27,012	72,600	43,843
TUNA:						
ALBACORE	3,402,900	1,004,537	6,403,300	2,018,321	5,899,000	1,850,027
BLUEFIN	-	-	10,879,100	2,263,942	6,371,800	1,274,360
SKIPJACK	-	-	78,015,300	14,339,213	23,362,300	4,289,319
YELLOWFIN	-	-	124,032,700	25,850,635	28,714,400	5,969,855
TOTAL TUNA	3,402,900	1,004,537	219,330,400	44,472,111	64,347,500	13,383,561
TURBOT	18,600	1,475	-	-	-	-
WHITE CROAKER	200	26	227,000	16,368	3,200	385
WHITEFISH	-	-	1,100	105	2,600	317
YELLOWTAIL	-	-	332,800	37,673	57,700	7,160
UNCLASSIFIED:						
FOR FOOD	600	63	43,600	1,220	500	123
FOR BAIT AND ANIMAL FOOD	573,800	11,476	-	-	-	-
TOTAL FISH	30,231,900	1,941,673	363,780,200	49,643,286	68,148,500	13,979,333
SHELLFISH ET AL.						
CRABS:						
DUNGENESS	4,200	2,000	-	-	-	-
ROCK	157,900	14,295	360,300	51,523	20,300	2,866
TOTAL CRABS	162,100	16,295	360,300	51,523	20,300	2,866
LOBSTER, SPINY	78,400	107,040	73,500	103,445	72,600	98,245
SHRIMP, OCEAN	2,100	250	-	-	-	-
ABALONE	1,401,300	509,728	887,500	247,503	631,200	185,250
OYSTERS, MARKET, PACIFIC 3/	74,100	64,444	-	-	-	-
SEA URCHINS	200	36	-	-	-	-
SQUID	6,683,700	96,916	8,185,100	150,605	1,900	200
TOTAL SHELLFISH ET AL.	8,401,900	794,709	9,506,400	553,076	726,000	286,561
GRAND TOTAL	38,633,800	2,736,382	373,286,600	50,196,362	68,874,500	14,265,894

1/ NO VALUE. 2/ BASED ON A YIELD OF 10.9 PERCENT MEATS. 3/ BASED ON A YIELD OF 15.5 PERCENT MEATS.

CALIFORNIA - LANDINGS BY WATERS, 1971

SPECIES	OFF UNITED STATES		OFF FOREIGN COASTS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	89,704,500	1,093,126	200	2
BARRACUDA	17,300	5,634	-	-
BONITO	10,476,000	937,321	9,792,700	903,866
CABEZONE	4,400	376	-	-
CARP	278,700	37,898	-	-
FLOUNDERS:				
ARROWTOOTH HALIBUT	2,600	164	-	-
CALIFORNIA HALIBUT	336,400	126,048	500	232
SAND DABS	785,500	83,336	-	-
'SOLE":				
DOVER	14,248,700	1,178,176	-	-
ENGLISH	2,964,100	315,829	-	-
PETRALE	3,704,400	610,633	-	-
REX	1,467,900	169,422	-	-
SAND	292,400	35,812	-	-
OTHER	309,200	22,468	100	28
FLYING FISH	160,300	24,000	-	-
HAKE	34,700	1,062	-	-
HALFMOON	23,100	5,565	-	-
HERRING, SEA	241,000	18,757	-	-
JACK MACKEREL	59,883,000	2,415,899	200	14
LINGCOD	2,097,200	200,885	600	71
MACKEREL, PACIFIC	155,800	7,561	-	-
OPALEYE	5,300	952	-	-
PERCH	184,700	42,712	200	42
POMPANO	182,000	43,688	-	-
ROCKFISHES	11,147,800	947,435	152,100	36,534
SABLEFISH	4,423,900	290,079	-	-
SALMON:				
CHINOOK OR KING	4,924,600	3,220,639	-	-
PINK	7,000	3,000	-	-
SILVER OR COHO	3,185,100	1,533,331	-	-
SARDINE, PACIFIC	297,900	68,713	-	-
SEA BASS:				
BLACK	10,500	2,848	106,700	24,477
WHITE	551,900	210,987	272,000	116,579
SHARKS, UNCLASSIFIED	392,300	58,114	29,100	5,529
SHEEPSHEAD	8,600	967	300	46
SKATES	61,200	1,139	-	-
SMELT	348,400	28,081	-	-
SWORDFISH	152,900	85,221	1,500	906
TUNA:				
ALBACORE	28,967,800	8,634,697	7,148,900	2,242,017
BLUEFIN	471,200	182,362	16,779,700	3,355,940
SKIPJACK	4,600	845	101,373,000	18,627,687
YELLOWFIN	145,000	93,816	152,602,100	31,726,674
TURBOT	24,800	1,895	-	-
WHITEBAIT	146,700	16,410	-	-
WHITE CROAKER	334,400	24,232	-	-
WHITEFISH	2,200	239	1,500	183
YELLOWTAIL	31,000	4,138	359,500	40,695
UNCLASSIFIED:				
FOR FOOD	375,400	113,002	1,200	175
FOR BAIT AND ANIMAL FOOD	991,000	23,541	-	-
CRABS:				
DUNGENESS	9,663,900	2,821,826	-	-
ROCK	537,500	68,499	1,500	212
CRAWFISH, FRESHWATER	138,000	55,358	-	-
LOBSTER, SPINY	224,500	308,730	-	-
SHRIMP, OCEAN	3,082,500	401,421	-	-
ABALONE	2,945,100	953,087	-	-
OCTOPUS	1,700	179	-	-
OYSTER, MARKET:				
EASTERN	13,900	40,700	-	-
PACIFIC	965,000	839,528	-	-
SQUID	31,517,000	760,562	100	11
SEA URCHIN	200	36	-	-
SHELLFISH, UNCLASSIFIED	13,500	11,748	-	-
WHALE PRODUCTS:				
MEAL	378,800	30,300	-	-
MEAT	346,900	34,700	-	-
OIL:				
SPERM	344,100	34,400	-	-
WHALE	73,800	5,100	-	-
TOTAL	294,811,800	29,289,229	288,623,700	57,081,920

NORTHERN DISTRICT OF CALIFORNIA - OPERATING UNITS, 1971

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS AND TRAPS	
		FISH	SHRIMP	CRAB	FISH
	NUMBER				
FISHERMEN:					
ON VESSELS.	-	180	78	434	6
ON BOATS AND SHORE. . . .	3	3	-	74	-
TOTAL	3	183	78	508	6
VESSELS, MOTOR.	-	60	26	217	6
GROSS TONNAGE	-	2,802	1,026	4,755	486
BOATS, MOTOR.	1	1	-	37	-
GEAR.	1	61	26	32,020	390

ITEM	LINES				
	HAND	TROLL			LONG OR SET WITH HOOKS
		SALMON	ALBACORE	OTHER	
	NUMBER				
FISHERMEN:					
ON VESSELS.	78	1,244	734	507	10
ON BOATS AND SHORE. . . .	87	1,480	132	762	-
TOTAL	165	2,724	866	1,269	10
VESSELS, MOTOR.	26	622	367	169	5
GROSS TONNAGE	535	11,613	8,860	2,749	124
BOATS, MOTOR.	29	740	66	254	-
GEAR.	385	6,810	3,464	3,807	100

ITEM	DREDGES, OYSTER, COMMON	TONGS, OYSTER	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS.	-	-	-	[illegible]
ON BOATS AND SHORE. . . .	8	18	1	1,774
TOTAL	8	18	1	[illegible]
VESSELS, MOTOR.	-	-	-	[illegible]
GROSS TONNAGE	-	-	-	[illegible]
BOATS MOTOR	4	9	6	751
GEAR.	4	18	-	-

PACIFIC COAST FISHERIES

NORTHERN DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
ARROWTOOTH HALIBUT. . .	-	-	2,400	155	-	-
SAND DABS	-	-	441,400	46,700	-	-
"SOLE":						
DOVER	-	-	12,541,900	1,053,520	-	-
ENGLISH	-	-	1,192,300	130,200	-	-
PETRALE	-	-	1,657,500	273,818	-	-
REX	-	-	1,049,300	121,088	-	-
SAND.	-	-	110,900	12,856	-	-
OTHER	125,600	6,946	-	-	-	-
LINGCOD	-	-	971,500	93,751	100	13
PERCH	53,900	10,465	3,400	660	-	-
ROCKFISHES.	-	-	4,664,400	299,042	100	10
SABLEFISH	-	-	2,111,800	146,347	137,400	9,522
SALMON:						
CHINOOK OR KING	-	-	1,900	1,520	-	-
SILVER OR COHO.	-	-	27,600	13,800	-	-
SHARKS, UNCLASSIFIED. . .	-	-	700	50	-	-
SKATES.	-	-	11,500	(1)	-	-
SMELT	167,900	13,264	-	-	-	-
TURBOT.	-	-	1,800	190	-	-
WHITEBAIT	140,100	15,593	-	-	-	-
UNCLASSIFIED, FOR BAIT AND ANIMAL FOOD.	-	-	407,900	8,158	-	-
CRABS, DUNGENESS.	-	-	2,700	776	9,272,000	2,664,772
SHRIMP, OCEAN	-	-	3,077,800	400,114	-	-
OCTOPUS	-	-	800	54	-	-
TOTAL	487,500	46,268	28,279,500	2,602,799	9,409,600	2,674,317

SPECIES	LINES		DREDGES		TONGS AND BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, CALIFORNIA HALIBUT.	100	35	-	-	-	-
LINGCOD	202,600	19,551	-	-	-	-
PERCH	16,200	3,145	-	-	-	-
ROCKFISHES.	115,500	7,405	-	-	-	-
SABLEFISH	333,800	23,132	-	-	-	-
SALMON:						
CHINOOK OR KING	2,894,200	1,794,000	-	-	-	-
PINK.	7,000	3,000	-	-	-	-
SILVER OR COHO.	2,702,400	1,230,420	-	-	-	-
TUNA, ALBACORE.	3,079,800	893,764	-	-	-	-
UNCLASSIFIED, FOR FOOD. .	300	47	-	-	-	-
OYSTERS, MARKET, PACIFIC.	-	-	535,000	465,450	157,500	137,025
TOTAL	9,351,900	3,974,499	535,000	465,450	157,500	137,025

1/ NO VALUE.

SAN FRANCISCO DISTRICT OF CALIFORNIA
OPERATING UNITS, 1971

ITEM	HAUL SEINES, COMMON	PURSE SEINES	LAMPARA NETS	OTTER TRAWLS	
				FISH	SHRIMP
			NUMBER		
FISHERMEN:					
ON VESSELS	-	-	21	69	3
ON BOATS AND SHORE	3	3	-	15	-
TOTAL	3	3	21	84	3
VESSELS, MOTOR	-	-	3	23	1
GROSS TONNAGE	-	-	53	1,064	40
BOATS, MOTOR	1	1	-	5	-
GEAR	1	1	3	28	1

ITEM	POTS AND TRAPS				GILL NETS, DRIFT	TRAMMEL NETS
	CRAB	CRAWFISH	FISH	SHRIMP		
				NUMBER		
FISHERMEN:						
ON VESSELS	138	-	1	-	3	6
ON BOATS AND SHORE	38	56	1	4	3	9
TOTAL	176	56	2	4	6	15
VESSELS, MOTOR	69	-	1	-	1	2
GROSS TONNAGE	1,239	-	11	-	28	19
BOATS, MOTOR	19	28	1	2	1	3
GEAR	11,440	,800	130	74	8	5

ITEM	LINES					
	HAND		TROLL			LONG OR SET WITH HOOKS
	ROCKFISH	OTHER	SALMON	ALBACORE	OTHER	
				NUMBER		
FISHERMEN:						
ON VESSELS	-	30	858	996	198	2
ON BOATS AND SHORE	4	120	732	48	180	-
TOTAL	4	150	1,590	1,044	378	2
VESSELS, MOTOR	-	10	429	498	66	1
GROSS TONNAGE	-	191	6,924	15,313	1,012	7
BOATS, MOTOR	2	40	366	24	60	-
GEAR	10	350	3,975	4,176	1,134	20

ITEM	HARPOONS, WHALE	TONGS, OYSTER	DIVING OUTFITS		TOTAL, EXCLUSIVE OF DUPLICATION
			ABALONE	OTHER	
			NUMBER		
FISHERMEN:					
ON VESSELS	14	-	2	-	1,783
ON BOATS AND SHORE	-	5	12	2	984
TOTAL	14	5	14	2	2,767
VESSELS, MOTOR	3	-	1	-	836
GROSS TONNAGE	579	-	15	-	20,994
BOATS, MOTOR	-	5	6	1	449
GEAR	3	5	7	1	-

PACIFIC COAST FISHERIES

SAN FRANCISCO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	-	-	318,700	35,056	-	-
BONITO	-	-	5,200	321	-	-
CARP	270,800	36,769	-	-	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	-	-	-	-	200	9
CALIFORNIA HALIBUT	-	-	-	-	24,700	7,202
SAND DABS	-	-	-	-	252,900	27,719
"SOLE":						
DOVER	-	-	-	-	1,625,000	119,112
ENGLISH	-	-	-	-	1,048,500	112,505
PETRALE	-	-	-	-	1,379,600	225,419
REX	-	-	-	-	260,100	30,842
SAND	-	-	-	-	144,400	17,865
OTHER	100	7	-	-	115,300	8,186
HAKE	-	-	-	-	15,800	687
HERRING, SEA	-	-	8,300	2,938	-	-
JACK MACKEREL	-	-	-	-	1,200	65
LINGCOD	-	-	-	-	409,200	33,880
PERCH	17,600	5,916	-	-	200	67
ROCKFISHES	-	-	-	-	1,059,800	82,862
SABLEFISH	-	-	-	-	639,700	32,432
SHARKS, UNCLASSIFIED	-	-	-	-	23,700	1,240
SKATES	-	-	-	-	4,500	116
SMELT	49,200	5,802	-	-	-	-
TURBOT	-	-	-	-	4,400	230
WHITEBAIT	6,600	817	-	-	-	-
WHITE CROAKER	-	-	-	-	3,100	341
UNCLASSIFIED:						
FOR FOOD	329,800	109,969	-	-	300	154
FOR BAIT AND ANIMAL FOOD	-	-	-	-	6,000	120
CRABS, DUNGENESS	-	-	-	-	10,500	4,206
SHRIMP, OCEAN	-	-	-	-	2,600	1,057
OCTOPUS	-	-	-	-	600	45
TOTAL	674,100	159,280	332,200	38,315	7,032,300	706,361

SPECIES	POTS AND TRAPS		GILL AND TRAMMEL NETS		LINES	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP	1,100	154	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	37,500	10,935	1,500	437
OTHER	-	-	4,600	327	300	21
HERRING, SEA	-	-	6,400	2,266	-	-
LINGCOD	-	-	10,700	886	9,900	826
PERCH	-	-	100	34	27,100	9,137
ROCKFISHES	100	8	3,100	242	183,100	14,305
SABLEFISH	-	-	-	-	2,100	106
SALMON:						
CHINOOK OR KING	-	-	-	-	1,686,800	1,180,900
SILVER OR COHO	-	-	-	-	426,000	269,941
SHARKS, UNCLASSIFIED	-	-	22,300	1,170	400	20
TUNA, ALBACORE	-	-	-	-	6,995,800	2,060,975
WHITE CROAKER	-	-	1,300	143	400	45
UNCLASSIFIED, FOR BAIT AND ANIMAL FOOD	1,900	3,766	-	-	-	-
CRABS, DUNGENESS	374,000	149,825	-	-	-	-
CRAWFISH, FRESHWATER	138,000	55,358	-	-	-	-
SHELLFISH, UNCLASSIFIED	600	420	-	-	-	-
TOTAL	515,700	209,531	86,000	16,003	9,333,400	3,536,713

SPECIES	HARPOONS, WHALE		TONGS		DIVING OUTFITS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ABALONE	-	-	-	-	25,100	10,606
OYSTERS, MARKET:						
EASTERN	-	-	13,900	40,700	-	-
PACIFIC	-	-	198,400	172,609	-	-
KELP (WITH HERRING EGGS)	-	-	-	-	4,000	1,416
WHALE PRODUCTS:						
MEAL	378,800	30,300	-	-	-	-
MEAT	346,900	34,700	-	-	-	-
OIL:						
SPERM	344,100	34,400	-	-	-	-
WHALE	73,800	5,100	-	-	-	-
TOTAL	1,143,600	104,500	212,300	213,309	29,100	12,022

MONTEREY DISTRICT OF CALIFORNIA - OPERATING UNITS, 1971

ITEM	PURSE SEINES AND LAMPARA NETS				OTTER TRAWLS, FISH
	ANCHOVY	MACKEREL	SQUID	[illegible]	
	NUMBER				
FISHERMEN:					
ON VESSELS	10	75	128	[illegible]	[illegible]
ON BOATS AND SHORE	-	55	32	[illegible]	[illegible]
TOTAL	10	130	160	[illegible]	[illegible]
VESSELS, MOTOR	1	7	16	1	[illegible]
GROSS TONNAGE	52	184	324	[illegible]	[illegible]
BOATS, MOTOR	-	5	4	[illegible]	-
GEAR	1	12	20	-	[illegible]

ITEM	POTS AND TRAPS			GILL NETS, SET	LINES
	CRAB	FISH	SHRIMP		HAND
	NUMBER				
FISHERMEN:					
ON VESSELS	4	[illegible]		[illegible]	[illegible]
ON BOATS AND SHORE	-	-	-	[illegible]	31
TOTAL	4	[illegible]	-	[illegible]	[illegible]
VESSELS, MOTOR	[illegible]	1	1	6	31
GROSS TONNAGE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BOATS, MOTOR	-	-	-	[illegible]	[illegible]
GEAR	260	[illegible]	[illegible]	[illegible]	[illegible]

ITEM	LINES - CONTINUED				DIP, BRAIL, OR SCOOP NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL			LONG OR SET WITH HOOKS		
	SALMON	ALBACORE	OTHER			
	NUMBER					
FISHERMEN:						
ON VESSELS	294	1,468	42	2	-	1,734
ON BOATS AND SHORE	226	216	48	6	6	603
TOTAL	520	1,684	90	8	6	2,337
VESSELS, MOTOR	147	734	14	1	-	785
GROSS TONNAGE	2,439	17,626	225	13	-	18,494
BOATS, MOTOR	113	108	16	3	3	228
GEAR	1,300	6,736	270	80	6	-

MONTEREY DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	2,409,000	29,872	-	-	-	-
BONITO	5,800	322	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	3,800	1,312	500	173	-	-
SAND DABS	-	-	84,200	8,218	-	-
"SOLE":						
DOVER	-	-	59,700	3,751	-	-
ENGLISH	-	-	311,700	33,474	-	-
PETRALE	-	-	239,200	40,878	-	-
REX	-	-	108,700	11,797	-	-
SAND	-	-	7,300	921	-	-
UNCLASSIFIED	300	32	6,500	694	-	-
HAKE	-	-	600	9	-	-
HERRING, SEA	220,700	12,050	-	-	-	-
JACK MACKEREL	162,400	9,679	-	-	-	-
LINGCOD	-	-	163,400	18,039	600	66
PERCH	3,200	548	-	-	-	-
POMPANO	2,000	1,124	300	169	-	-
ROCKFISHES	1,700	149	1,706,400	149,395	-	-
SABLEFISH	-	-	219,600	14,384	1,700	113
SHARKS, UNCLASSIFIED	100	6	2,100	131	-	-
SKATES	300	7	37,700	844	-	-
SMELT	8,700	1,188	-	-	-	-
WHITE CROAKER	49,400	3,453	1,900	133	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	100	108	1,400	1,493
FOR BAIT AND ANIMAL FOOD	-	-	1,400	21	-	-
CRABS:						
DUNGENESS	-	-	-	-	500	247
ROCK	-	-	-	-	500	27
OCTOPUS	-	-	-	-	300	80
SQUID	16,494,300	508,166	-	-	-	-
SHELLFISH, UNCLASSIFIED	-	-	-	-	12,900	11,328
TOTAL	19,361,700	567,908	2,951,300	283,139	17,900	13,354

SPECIES	GILL NETS		LINES		DIP, BRAIL, OR SCOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BONITO	1,300	72	9,700	539	-	-
CABEZONE	2,400	196	200	16	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	40,000	13,816	3,600	1,243	-	-
SAND DABS	500	49	4,500	439	-	-
"SOLE":						
PETRALE	-	-	100	17	-	-
UNCLASSIFIED	30,400	3,244	1,300	139	-	-
HERRING, SEA	1,600	87	-	-	-	-
JACK MACKEREL	900	54	500	30	-	-
LINGCOD	53,000	5,851	47,300	5,222	-	-
PERCH	25,700	4,402	300	51	-	-
POMPANO	2,400	1,349	-	-	-	-
ROCKFISHES	468,200	40,990	222,000	19,436	-	-
SABLEFISH	2,300	151	974,200	63,809	-	-
SALMON:						
CHINOOK OR KING	-	-	249,700	175,000	-	-
SILVER OR COHO	-	-	21,000	14,770	-	-
SEA BASS, WHITE	2,300	1,002	-	-	-	-
SHARKS, UNCLASSIFIED	6,500	407	400	25	-	-
SKATES	6,400	143	600	13	-	-
SMELT	-	-	100	14	14,700	2,008
TUNA, ALBACORE	1,100	325	10,334,800	3,048,765	-	-
WHITE CROAKER	42,000	2,926	5,900	412	-	-
SQUID	-	-	-	-	152,100	4,686
TOTAL	687,000	75,064	11,876,200	3,329,940	166,800	6,694

PACIFIC COAST FISHERIES

SANTA BARBARA DISTRICT OF CALIFORNIA
OPERATING UNITS, 1971

ITEM	PURSE SEINES AND LAMPARA NETS				OTTER TRAWLS	
	ANCHOVY	MACKEREL	TUNA	OTHER	FISH	SHRIMP
	NUMBER					
FISHERMEN:						
ON VESSELS	110	36	33	[illegible]	99	-
ON BOATS AND SHORE	-	-	-	-	51	[illegible]
TOTAL	110	36	33	[illegible]	150	[illegible]
VESSELS, MOTOR	11	4	3	[illegible]	35	-
GROSS TONNAGE	908	370	273	364	1,344	-
BOATS, MOTOR	-	-	-	-	17	1
GEAR	11	4	3	-	50	1

ITEM	POTS AND TRAPS			GILL NETS, DRIFT		
	CRAB	FISH	LOBSTER	BARRACUDA	SEA BASS	OTHER
	NUMBER					
FISHERMEN:						
ON VESSELS	10	1	14	12	9	63
ON BOATS AND SHORE	28	[illegible]	30	3	-	30
TOTAL	38	9	14	15	9	93
VESSELS, MOTOR	5	1	7	4	3	11
GROSS TONNAGE	80	17	113	11	37	190
BOATS, MOTOR	14	[illegible]	15	1	-	10
GEAR	2,470	[illegible]	[illegible]	[illegible]	1	[illegible]

ITEM	TRAMMEL NETS	LINES					
		HAND		TROLL			LONG OR SET WITH HOOKS
		ALBACORE	OTHER	SALMON	ALBACORE	OTHER	
	NUMBER						
FISHERMEN:							
ON VESSELS	3	252	357	88	550	126	10
ON BOATS AND SHORE	6	-	210	158	96	168	14
TOTAL	9	252	567	246	646	294	24
VESSELS, MOTOR	1	28	119	44	275	42	5
GROSS TONNAGE	17	758	3,014	696	6,868	737	112
BOATS, MOTOR	2	-	70	79	48	56	7
GEAR	3	252	1,323	615	2,584	882	240

ITEM	DIP, BRAIL, OR SCOOP NETS	HARPOONS, SWORDFISH	TONGS, OYSTER	DIVING OUTFITS, ABALONE	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER					
FISHERMEN:						
ON VESSELS	48	8	-	22	-	1,296
ON BOATS AND SHORE	-	2	6	162	3	570
TOTAL	48	10	6	184	3	1,866
VESSELS, MOTOR	6	4	-	11	-	409
GROSS TONNAGE	284	83	-	161	-	11,202
BOATS, MOTOR	-	1	4	81	3	231
GEAR	18	5	6	92	-	-

PACIFIC COAST FISHERIES

SANTA BARBARA DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	19,721,600	268,214	-	-	-	-
BONITO	129,800	10,241	-	-	-	-
CABEZONE	-	-	-	-	600	60
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	73,100	29,883	-	-
SAND DABS	-	-	1,300	65	-	-
"SOLE":						
DOVER	-	-	22,100	1,793	-	-
ENGLISH	-	-	409,200	39,364	-	-
PETRALE	-	-	411,600	67,708	-	-
REX	-	-	49,800	5,695	-	-
SAND	-	-	29,800	4,170	-	-
OTHER	-	-	200	28	-	-
HAKE	-	-	17,100	342	-	-
JACK MACKEREL	2,295,900	91,840	-	-	-	-
LINGCOD	-	-	151,500	15,060	-	-
PERCH	-	-	1,600	429	-	-
POMPANO	200	49	-	-	-	-
ROCKFISHES	-	-	1,598,400	129,345	1,100	89
SABLEFISH	-	-	800	33	-	-
SEA BASS, WHITE	-	-	100	38	-	-
SHARKS, UNCLASSIFIED	-	-	900	114	-	-
SHEEPSHEAD	-	-	-	-	200	23
SKATES	-	-	100	8	-	-
TURBOT	-	-	18,600	1,475	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	200	21	200	21
FOR BAIT AND ANIMAL FOOD	-	-	573,800	11,476	-	-
CRABS:						
DUNGENESS	-	-	400	190	3,800	1,810
ROCK	-	-	1,300	120	154,400	13,975
LOBSTER, SPINY	-	-	-	-	77,600	105,948
SHRIMP, OCEAN	-	-	2,100	250	-	-
SQUID	2,308,200	33,469	-	-	-	-
TOTAL	24,455,700	403,813	3,364,000	307,607	237,900	121,926

SPECIES	GILL AND TRAMMEL NETS		LINES		DIP, BRAIL, OR SCOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BARRACUDA	400	130	-	-	-	-
BONITO	373,200	29,446	116,800	9,216	-	-
CABEZONE	1,100	89	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	58,500	23,914	2,500	1,022	-	-
"SOLE", PETRALE	200	33	-	-	-	-
OTHER	23,100	2,485	200	22	-	-
HAKE	1,200	24	-	-	-	-
JACK MACKEREL	-	-	100	4	-	-
LINGCOD	4,800	477	69,500	6,908	-	-
PERCH	5,600	1,500	4,200	1,125	-	-
POMPANO	1,300	318	-	-	-	-
ROCKFISHES	16,400	1,327	299,900	24,268	-	-
SALMON:						
CHINOOK OR KING	-	-	92,000	69,219	-	-
SILVER OR COHO	-	-	8,100	4,400	-	-
SEA BASS:						
BLACK	400	92	400	92	-	-
WHITE	165,700	62,154	1,100	413	-	-
SHARKS, UNCLASSIFIED	41,100	5,218	2,400	305	-	-
SHEEPSHEAD	200	24	-	-	-	-
SKATES	100	8	-	-	-	-
TUNA, ALBACORE	700	207	3,402,200	1,004,330	-	-
WHITE CROAKER	100	13	100	13	-	-
UNCLASSIFIED, FOR FOOD	200	21	-	-	-	-
CRABS, ROCK	2,000	182	200	18	-	-
LOBSTER, SPINY	400	546	-	-	-	-
SQUID	-	-	-	-	4,375,500	63,447
TOTAL	696,700	128,208	3,999,700	1,121,355	4,375,500	63,447

SPECIES	HARPOONS, SWORDFISH		DIVING OUTFITS		TONGS AND BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SWORDFISH	28,300	15,272	-	-	-	-
LOBSTER, SPINY	-	-	400	546	-	-
ABALONE	-	-	1,401,300	509,728	-	-
OYSTERS, MARKET, PACIFIC	-	-	-	-	74,100	64,444
SEA URCHINS	-	-	200	36	-	-
TOTAL	28,300	15,272	1,401,900	510,310	74,100	64,444

PACIFIC COAST FISHERIES

SAN PEDRO DISTRICT OF CALIFORNIA
OPERATING UNITS, 1971

ITEM	PURSE SEINES				LAMPARA NETS		
	ANCHOVY	MACKEREL	TUNA	OTHER	MACKEREL	SQUID	OTHER
	NUMBER						
FISHERMEN:							
ON VESSELS	340	333	1,375	114	66	16	49
ON BOATS AND SHORE	-	-	22	-	-	-	-
TOTAL	340	333	1,397	114	66	16	49
VESSELS, MOTOR	34	37	145	34	6	[illegible]	7
GROSS TONNAGE	2,893	3,088	31,907	4,191	[illegible]	[illegible]	[illegible]
BOATS, MOTOR	-	-	-	-	-	-	-
GEAR	34	37	127	38	[illegible]	[illegible]	[illegible]

ITEM	OTTER TRAWLS, FISH	POTS AND TRAPS			GILL NETS		
		CRAB	FISH	LOBSTER	BARRACUDA	SEA BASS	OTHER
	NUMBER						
FISHERMEN:							
ON VESSELS	39	10	5	20	6	42	78
ON BOATS AND SHORE	21	18	2	74	9	12	39
TOTAL	60	28	7	94	15	54	117
VESSELS, MOTOR	13	5	5	10	[illegible]	14	6
GROSS TONNAGE	1,191	76	75	[illegible]	[illegible]	255	[illegible]
BOATS, MOTOR	7	9	[illegible]	37	[illegible]	4	13
GEAR	20	[illegible]	455	4,700	[illegible]	72	156

ITEM	TRAMMEL NETS	LINES				
		HAND			TROLL, ALBACORE	LONG OR SET WITH HOOKS
		ALBACORE	YELLOWFIN AND SKIPJACK	OTHER		
	NUMBER					
FISHERMEN:						
ON VESSELS	3	333	585	390	380	2
ON BOATS AND SHORE	6	9	9	145	34	6
TOTAL	9	342	594	535	414	8
VESSELS, MOTOR	1	37	65	130	190	1
GROSS TONNAGE	13	3,428	5,403	7,317	6,232	23
BOATS, MOTOR	2	1	1	49	17	3
GEAR	3	342	594	1,311	1,656	80

ITEM	DIP, BRAIL, OR SCOOP NETS	HARPOONS, SWORDFISH	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS	104	16	18	2,664
ON BOATS AND SHORE	-	20	156	475
TOTAL	104	36	174	3,139
VESSELS, MOTOR	13	8	9	430
GROSS TONNAGE	636	108	119	63,407
BOATS, MOTOR	-	10	78	192
GEAR	39	18	87	-

PACIFIC COAST FISHERIES

SAN PEDRO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	67,255,400	759,986	-	-	-	-
BONITO	16,905,900	1,540,128	-	-	100	9
FLOUNDERS:						
"SOLE":						
ENGLISH	-	-	2,400	286	-	-
PETRALE	-	-	16,200	2,760	-	-
OTHER	-	-	200	26	-	-
JACK MACKEREL	57,404,500	2,313,399	-	-	-	-
LINGCOD	-	-	2,200	252	-	-
MACKEREL, PACIFIC	153,500	7,230	-	-	-	-
OPALEYE	2,100	440	-	-	-	-
PERCH	2,700	545	-	-	200	40
POMPANO	166,000	38,412	-	-	100	23
ROCKFISHES	1,100	226	11,800	2,424	-	-
SARDINE, PACIFIC	163,100	35,034	-	-	-	-
SEA BASS, WHITE	-	-	-	-	700	272
SHARKS, UNCLASSIFIED	3,200	449	-	-	-	-
SHEEPSHEAD	-	-	-	-	1,400	140
SMELT	96,800	5,194	-	-	-	-
TUNA:						
ALBACORE	151,700	47,816	-	-	-	-
BLUEFIN	10,870,400	2,262,131	-	-	-	-
SKIPJACK	56,539,300	10,391,924	-	-	-	-
YELLOWFIN	118,324,700	24,660,986	-	-	-	-
WHITE CROAKER	164,600	11,869	-	-	-	-
YELLOWTAIL	198,600	22,482	-	-	-	-
UNCLASSIFIED, FOR FOOD	37,300	931	-	-	-	-
CRABS, ROCK	-	-	-	-	359,700	51,437
LOBSTERS, SPINY	-	-	-	-	73,500	103,445
SQUID	2,827,500	52,026	-	-	-	-
TOTAL	331,268,400	42,151,208	32,800	5,748	435,700	155,366

SPECIES	GILL AND TRAMMEL NETS		LINES		DIP, BRAIL, OR SCOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BARRACUDA	6,300	2,144	2,700	905	-	-
BONITO	85,100	7,753	120,600	10,987	-	-
CARP	6,800	975	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	78,800	30,600	-	-	-	-
SAND DABS	-	-	500	100	-	-
FLYING FISH	160,300	24,000	-	-	-	-
HALFMOON	5,100	1,271	5,400	1,346	-	-
JACK MACKEREL	6,000	242	1,400	56	-	-
LINGCOD	200	23	800	92	-	-
OPALEYE	-	-	1,100	230	-	-
PERCH	11,200	2,261	900	182	-	-
POMPANO	9,700	2,244	-	-	-	-
ROCKFISHES	11,600	2,383	428,600	88,369	-	-
SARDINE, PACIFIC	600	129	-	-	-	-
SEA BASS:						
BLACK	103,900	23,834	500	115	-	-
WHITE	419,400	163,189	1,300	506	-	-
SHARKS, UNCLASSIFIED	114,700	16,104	3,000	421	-	-
SHEEPSHEAD	3,300	330	1,400	140	-	-
SMELT	2,100	113	8,900	478	-	-
SWORDFISH	-	-	6,700	3,383	-	-
TUNA:						
ALBACORE	700	221	6,250,900	1,970,284	-	-
BLUEFIN	8,600	1,790	100	21	-	-
SKIPJACK	-	-	21,476,000	3,947,289	-	-
YELLOWFIN	1,100	229	5,706,900	1,189,420	-	-
WHITE CROAKER	61,200	4,413	1,200	86	-	-
WHITEFISH	1,100	105	-	-	-	-
YELLOWTAIL	127,500	14,433	6,700	758	-	-
UNCLASSIFIED, FOR FOOD	4,200	193	2,100	96	-	-
CRABS, ROCK	600	86	-	-	-	-
SQUID	-	-	-	-	5,357,600	98,579
TOTAL	1,230,100	299,065	34,027,700	7,215,264	5,357,600	98,579

SPECIES	HARPOONS, SWORDFISH		DIVING OUTFITS, ABALONE	
	POUNDS	DOLLARS	POUNDS	DOLLARS
SWORDFISH	46,800	23,629	-	-
ABALONE	-	-	887,500	247,503
TOTAL	46,800	23,629	887,500	247,503

PACIFIC COAST FISHERIES

SAN DIEGO DISTRICT OF CALIFORNIA
OPERATING UNITS, 1971

ITEM	PURSE SEINES AND LAMPARA NETS			POTS AND TRAPS		
	MACKEREL	TUNA	OTHER	CRAB	FISH	LOBSTER
	NUMBER					
FISHERMEN:						
ON VESSELS.	20	297	132	2	1	2
ON BOATS AND SHORE. . . .	9	-	-	26	8	74
TOTAL	29	297	132	28	9	76
VESSELS, MOTOR.	3	27	44	1	1	1
GROSS TONNAGE	200	8,927	20,272	17	17	17
BOATS, MOTOR.	1	-	-	13	8	37
GEAR.	4	27	44	1,320	585	3,800

ITEM	GILL NETS, DRIFT			LINES			
				HAND			
	BARRACUDA	SEA BASS	OTHER	ALBACORE	ROCKFISH	YELLOWFIN AND SKIPJACK	OTHER
	NUMBER						
FISHERMEN:							
ON VESSELS.	-	6	6	873	-	540	489
ON BOATS AND SHORE. . . .	9	3	30	108	10	45	1,074
TOTAL	9	9	36	981	10	585	1,563
VESSELS, MOTOR.	-	2	2	97	-	60	163
GROSS TONNAGE	-	38	38	3,564	-	3,442	6,431
BOATS, MOTOR.	3	1	10	12	5	5	358
GEAR.	12	12	48	981	25	585	3,647

ITEM	LINES - CONTINUED			HARPOONS, SWORDFISH	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL		LONG OR SET WITH HOOKS			
	ALBACORE	OTHER				
	NUMBER					
FISHERMEN:						
ON VESSELS.	412	-	14	12	16	2,210
ON BOATS AND SHORE. . . .	138	3	36	12	120	1,416
TOTAL	550	3	50	24	136	3,626
VESSELS, MOTOR.	206	-	7	6	8	417
GROSS TONNAGE	5,016	-	148	129	102	36,328
BOATS, MOTOR.	69	1	18	6	60	472
GEAR.	2,200	9	500	12	68	-

SAN DIEGO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1971

SPECIES	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS		GILL AND TRAMMEL NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BARRACUDA	-	-	-	-	6,100	1,895
BONITO	2,083,400	192,298	-	-	30,000	2,769
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	-	-	10,600	4,919
"SOLE", UNCLASSIFIED	-	-	-	-	400	113
HALFMOON	-	-	-	-	10,600	2,480
JACK MACKEREL	-	-	-	-	11,200	778
OPALEYE	-	-	-	-	2,100	282
PERCH	-	-	-	-	9,700	2,018
ROCKFISHES	-	-	200	48	39,800	9,560
SARDINE, PACIFIC	134,200	33,550	-	-	-	-
SEA BASS:						
BLACK	9,300	2,474	-	-	-	-
WHITE	-	-	300	128	212,400	91,035
SHARKS, UNCLASSIFIED	900	171	100	19	190,900	36,273
SHEEPSHEAD	-	-	100	15	700	104
TUNA:						
ALBACORE	18,800	5,896	-	-	-	-
BLUEFIN	4,454,900	890,980	-	-	-	-
SKIPJACK	14,222,100	2,611,178	-	-	-	-
YELLOWFIN	26,373,100	5,483,088	-	-	-	-
WHITE CROAKER	-	-	-	-	1,100	132
WHITEFISH	-	-	-	-	300	37
YELLOWTAIL	-	-	-	-	38,900	4,827
UNCLASSIFIED, FOR FOOD	-	-	-	-	500	123
CRABS, ROCK	-	-	20,000	2,824	300	42
LOBSTERS, SPINY	-	-	72,600	98,245	-	-
SQUID	1,900	200	-	-	-	-
TOTAL	47,298,600	9,219,835	93,300	101,279	565,600	157,387

SPECIES	LINES		HARPOONS, SWORDFISH		DIVING OUTFITS, ABALONE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BARRACUDA	1,800	560	-	-	-	-
BONITO	401,800	37,086	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	1,700	789	-	-	-	-
SAND DABS	200	46	-	-	-	-
"SOLE", UNCLASSIFIED	800	226	-	-	-	-
HALFMOON	2,000	468	-	-	-	-
JACK MACKEREL	1,400	97	-	-	-	-
LINGCOD	500	59	-	-	-	-
PERCH	1,100	229	-	-	-	-
ROCKFISHES	466,700	112,101	-	-	-	-
SABLEFISH	500	50	-	-	-	-
SEA BASS:						
BLACK	2,700	718	-	-	-	-
WHITE	20,600	8,829	-	-	-	-
SHARKS, UNCLASSIFIED	8,000	1,520	-	-	-	-
SHEEPSHEAD	1,600	237	-	-	-	-
SWORDFISH	2,500	1,510	70,100	42,333	-	-
TUNA:						
ALBACORE	5,880,200	1,844,131	-	-	-	-
BLUEFIN	1,916,900	383,380	-	-	-	-
SKIPJACK	9,140,200	1,678,141	-	-	-	-
YELLOWFIN	2,341,300	486,767	-	-	-	-
WHITE CROAKER	2,100	253	-	-	-	-
WHITEFISH	2,300	280	-	-	-	-
YELLOWTAIL	18,800	2,333	-	-	-	-
ABALONE	-	-	-	-	631,200	185,250
TOTAL	20,215,700	4,559,810	70,100	42,333	631,200	185,250

LANDINGS BY HALIBUT FLEET AT SEATTLE, WASHINGTON

Halibut landings at Seattle were 1.9 million pounds (dressed weight) worth $681,000--a decline of 49 percent in volume and 53 percent in value compared with 1970. Fishing grounds west of Cape Spencer yielded 1.4 million pounds--a decline of 56 percent; fishing grounds south of Cape Spencer yeilded 483,000 pounds--11 percent less than in 1970.

Sablefish landings of 20,000 pounds from fishing grounds off Cape Spencer increased 54 percent compared with 1970.

The following tables contain a summary of the landings of dressed halibut and sablefish at Seattle by the U.S. halibut fleet. These data are not directly comparable with the State and sectional tabulations, as the weights in those tables represent the round weight of fish landed.

LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY FISHING GROUNDS, 1971

FISHING GROUNDS	TRIPS	HALIBUT (DRESSED)					
		CHICKEN		MEDIUM		LARGE	
	NUMBER	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
WEST OF CAPE SPENCER. . . .	27	10	3	647	241	606	219
SOUTH OF CAPE SPENCER . . .	29	72	18	328	126	66	24
TOTAL	56	82	21	975	367	672	243

FISHING GROUNDS	HALIBUT (DRESSED) - CONTINUED				SABLEFISH		TOTAL	
	NO. 2 MEDIUM		NO. 2 LARGE					
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
WEST OF CAPE SPENCER. . . .	96	33	33	11	-	-	1,392	507
SOUTH OF CAPE SPENCER . . .	16	6	1	(1)	20	4	503	178
TOTAL	112	39	34	11	20	4	1,895	685

1/ LESS THAN $500. SEE NOTE AT END OF NEXT TABLE.

LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY MONTHS, 1971

MONTHS	TRIPS	HALIBUT (DRESSED)					
		CHICKEN		MEDIUM		LARGE	
	NUMBER	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
MARCH	2	2	1	8	3	11	4
APRIL	4	1	(1)	75	28	71	25
MAY	12	19	5	287	99	173	55
JUNE.	11	27	7	161	61	88	31
JULY.	13	28	7	255	97	156	56
AUGUST.	3	2	1	54	21	28	10
SEPTEMBER	2	(1)	(1)	7	3	1	(1)
OCTOBER	2		(1)	36	15	8	4
NOVEMBER.	7	1	(1)	92	40	136	58
TOTAL	56	82	21	975	367	672	243

MONTHS	HALIBUT (DRESSED) - CONTINUED				SABLEFISH		TOTAL	
	NO. 2 MEDIUM		NO. 2 LARGE					
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
MARCH	(1)	(1)	-	-	-	-	21	8
APRIL	18	6	6	2	-	-	171	61
MAY	17	5	7	2	-	-	503	166
JUNE.	14	5	2	1	(1)	(1)	292	105
JULY.	19	7	5	1	4	1	467	168
AUGUST.	14	5	5	1	1	(1)	104	38
SEPTEMBER	(1)	-	-	-	(1)	(1)	8	3
OCTOBER	2	(1)	(1)	-	6	1	54	21
NOVEMBER.	28	11	9	4	9	2	275	115
TOTAL	112	39	34	11	20	4	1,895	685

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--THE 1971 HALIBUT FISHERY SEASON OPENED MARCH 17 IN AREAS 3C, 4C, AND 4D. AREAS 3C AND 4D CLOSED NOVEMBER 15. THE EARLY SEASON IN AREA 4C CLOSED APRIL 4. THE LATE SEASON IN AREA 4C OPENED OCTOBER 1 AND CLOSED OCTOBER 17. THE EARLY SEASON IN AREA 3B OPENED APRIL 4 AND CLOSED APRIL 9. THE REGULAR SEASON IN AREA 3B OPENED MAY 7 AND CLOSED NOVEMBER 1. AREA 4A OPENED MARCH 22 AND CLOSED APRIL 4. THE EARLY SEASON IN AREA 4B OPENED SPETEMBER 1 AND CLOSED SPETEMBER 14. AREAS 2 AND 3A OPENED MAY 7 AND CLOSED NOVEMBER 1.

PACIFIC COAST HALIBUT FISHERY

Data on the landings of halibut in the following tables represent the dressed weight of the fish, i.e., the weight by which the quota is determined. The dressed weight of halibut can be converted to round weight by multiplying by 1.33. Halibut landed in Canada by vessels of United States registry are credited to Alaska.

SUMMARY OF U.S. HALIBUT FLEET OPERATING UNITS, 1971

ITEM	WASHINGTON AND OREGON FLEET	ALASKA FLEET	TOTAL, EXCLUSIVE OF DUPLICATION
		NUMBER	
REGULAR HALIBUT VESSELS:			
NUMBER.	47	189	206
GROSS TONNAGE	2,954	6,400	6,978
CREW.	330	751	814
SKATES OF LINES	2,718	6,026	6,416
REGULAR HALIBUT BOATS:			
NUMBER.	2	37	39
CREW.	8	59	68
SKATES OF LINES	16	292	308
BOATS PRIMARILY IN OTHER FISHERIES BUT LANDING SMALL FARES OF HALIBUT 1/:			
NUMBER.	34	365	381
CREW.	58	657	682
SKATES OF LINES	71	803	815

1/ DOES NOT INCLUDE TROLLERS OR OTHER BOATS CATCHING HALIBUT INCIDENTAL TO OTHER FISHING OPERATIONS.
NOTE:--UNITED STATES VESSELS LANDING HALIBUT AT PRINCE RUPERT, BRITISH COLUMBIA, HAVE BEEN INCLUDED WITH THOSE LANDING IN ALASKA.

LANDINGS BY U.S. HALIBUT FLEET, 1971

SPECIES	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA			
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HALIBUT	2,896	1,061	1,568	569	16,702	4,929	21,166	6,559
SABLEFISH	62	16	-	-	596	99	658	115
LINGCOD	23	4	-	-	38	4	61	8
ROCKFISHES.	22	3	-	-	53	6	75	9
TOTAL	3,003	1,084	1,568	569	17,389	5,038	21,960	6,691

NOTE:--IN ADDITION THERE WAS A SMALL QUANTITY OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS". THE QUANTITIES SHOWN ABOVE REPRESENT DRESSED WEIGHT OF FISH. TO CONVERT TO ROUND WEIGHT, MULTIPLY THE WEIGHT OF HALIBUT BY 1.33 AND OTHER SPECIES BY 1.43.

SUMMARY OF UNITED STATES AND CANADIAN HALIBUT LANDINGS, 1971

FLEET CLASSIFICATION	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA			
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
UNITED STATES FLEET 1/. . .	2,896	1,061	1,568	569	16,702	4,929	21,166	6,559
BRITISH COLUMBIA FLEET. . .	2,054	746	16,233	5,267	7,209	2,114	25,496	8,127
TOTAL	4,950	1,807	17,801	5,836	23,911	7,043	46,662	14,686

1/ IN ADDITION THERE WAS A SMALL QUANTITY OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS".
NOTE:--HALIBUT STATISTICS IN THESE TABLES WERE COMPILED FROM DATA COLLECTED BY THE INTERNATIONAL PACIFIC HALIBUT COMMISSION. STATISTICS FOR OTHER SPECIES WERE FURNISHED BY THE STATES.

WHALING, 1971

On March 1, 1971, the Secretary of the U.S. Department of Commerce announced the intention of that department to outlaw the capture of all whales on the endangered species list in 1970 by the U.S. Department of the Interior. On April 19, after a public hearing attended by representatives of the last whaling firm in the United States, the Secretary reaffirmed the decision to ban whaling from U.S. shores. He directed NMFS to publish a proposal in the Federal Register terminating commercial hunting of endangered species and fixed December 31, 1971, as the termination date for whaling operations. The whales on the endangered species list were the bowhead, blue, humpback, gray, right, fin or finback, sei, and sperm. The last three were the only species sought recently by U.S. commercial whalers.

This action marked the final phase in an industry that originated along the New England coast in the early colonial days and reached its peak during the first half of the 19th century. The domestic whaling industry had been declining since the beginning of the 20th century, but the period following December 31, 1971, marked the first time in almost 300 years that whaling ships no longer operated from what is now the U.S. coast. In earlier years, whale oil lamps lit the new nation; but by 1971, whale (sperm) oil was being used in such products as refined lubricants and machine oils, buffing compounds, fatty acids, cosmetics, textiles, pharmaceuticals, and other uses. Whale carcasses were processed into meal for fertilizer and into meat for canned or frozen animal food.

The final whaling license issued by the Government to the Del Monte Fishing Company, Richmond, Calif., authorized a maximum catch of 165 whales to be taken before November 1, 1971, the expiration date of the license. During the whaling season the company operated their whaling station at Point San Pablo, Calif.--the only station operating in the United States. As in previous years, the company used the catcher boats Allen Cody, Dennis Gayle, and Donna Mae. The catch was 53 whales--20 less than in 1970. There were 4 fin, 2 sei, and 47 sperm whales taken in 1971. All whale carcasses (excluding the meat) were taken to the Pacific Rendering Company, San Francisco, Calif., for processing into meal and oil. The entire catch was processed into 378,000 pounds of meal, 418,000 pounds of oil, and 347,000 pounds of meat (for use as canned or frozen animal food). These products were valued at $104,000 to the producer--a decline of $34,000 compared with 1970.

WHALE LANDINGS, 1971

MONTH	FIN	SEI	SPERM	TOTAL
	NUMBER			
APRIL	-	-	3	3
MAY	-	-	5	5
JUNE	2	1	-	3
JULY	1	1	7	9
AUGUST	-	-	9	9
SEPTEMBER	1	-	18	19
OCTOBER	-	-	3	3
NOVEMBER	-	-	2	2
TOTAL	4	2	47	53

WHALE PRODUCTS, 1971

ITEM	THOUSAND POUNDS	THOUSAND DOLLARS
MEAL	378	30
MEAT	347	35
OIL:		
SPERM	344	34
WHALE	74	5
TOTAL	1,143	104

NOTE:--TO CONVERT POUNDS OF OIL TO GALLONS, DIVIDE BY 7.75.

FUR SEAL INDUSTRY OF THE PRIBILOF ISLANDS, 1971

Fur sealing operations on the Pribilof Islands produced 31,824 commercial sealskins--a decline of 10,355 compared with 1970. Male seals accounted for 31,740 commercial sealskins, female seals, 84. Forty-nine of the female seals were taken for scientific research; the rest were taken inadvertently.

CLASSES OF MALE SEALS TAKEN ON THE PRIBILOF ISLANDS, BY AGE GROUP, 1971

AGE CLASSES	ST. PAUL ISLAND	ST. GEORGE ISLAND
	PERCENT	
2-YEAR-OLDS	1	1
3-YEAR-OLDS	47	32
4-YEAR-OLDS	46	55
5-YEAR-OLDS	5	10
6-YEAR-OLDS	1	2
TOTAL	100	100

NOTE:--THE SEALING SEASON BEGAN ON JUNE 23 AND ENDED JULY 31, 1971.

Fur seal production on St. Paul Island was 86 percent of the total harvest--the same as in 1970.

For the ninth consecutive year sealskin curing operations were under Government supervision. Of the 58 persons employed in skin curing and carcass disposal, 35 were residents of the Pribilof Islands, 3 were natives of the Aleutian Islands, 16 were from other parts of Alaska, and 4 were from the contiguous States. Women were employed for the first time in 1971. At the height of the season the plant on St. Paul Island employed 37--7 women and 30 men. On St. George Island, all 21 workers were men.

For three seasons the experimental blubbering of fur sealskins by machine had been increasingly successful on St. Paul Island. In 1971, supervisors had hoped to use the flensing machine to blubber about 80 percent of the total harvest. By the end of the season, 20,237 sealskins (slightly more than 74 percent of the St. Paul Island harvest) had been blubbered by machine. Although some hand work was still necessary on machine-flensed skins, conversion to mechanical flensing led to a substantial reduction in the number of blubberers required on St. Paul.

All seal carcasses on St. Paul Island were ground for mink food by the contracting firm. The small harvest in 1971 resulted in a yield of only 560 tons of ground and frozen meat. Since no commercial carrier was available the frozen mink food was shipped to Seattle aboard the M/V Pribilof on her return trip in September.

DISTRIBUTION AND TAKE OF SEALSKINS, 1971

The fur seal treaty provides that Canada and Japan each receive 15 percent of the skins taken on the Pribilof Islands. The distribution of sealskins follows:

ITEM	UNITED STATES	CANADA	JAPAN	TOTAL
		NUMBER		
FROM ST. PAUL ISLAND. . . .	19,097	4,092	4,092	27,281
FROM ST. GEORGE ISLAND. . .	3,181	681	681	4,543
TOTAL	22,278	4,773	4,773	31,824

NOTE:--THE STANDARD PACKING FORMULA USED IN 1971 WAS 70 SKINS PER BARREL OF THE FIRST 2,800 SKINS PACKED ON ST. GEORGE ISLAND, AND 80 SKINS PER BARREL THEREAFTER; AND 70 SKINS PER BARREL OF THE FIRST 4,200 SKINS PACKED ON ST. PAUL ISLAND, AND 80 SKINS PER BARREL THEREAFTER.

PACIFIC COAST FISHERIES

In the summer of 1971, a 6-man panel from the American Veterinary Medical Association evaluated methods of seal slaughter at St. Paul Island. They studied all procedures under field conditions and concluded that the methods now used to harvest fur seals are humane and efficient. They suggested, however, that the search should continue for a method comparable in these respects and more esthetically acceptable. The panel had been assembled because of allegations of cruelty made by certain animal-protection groups pressing for legislation to ban or restrict severely the fur seal harvests on the Pribilof Islands.

Opposition to such a policy was voiced by the U.S. Commissioner to the North Pacific Fur Seal Commission, who said that halting the harvests would almost certainly lead to abrogation of the fur seal treaty and reasumption of pelagic (high-seas) sealing. The latter was characterized by indiscriminate slaughter of females and pups. In sharp contrast to pelagic sealing, fur seal harvests on the Pribilof Islands now involve only "bachelor" males that congegate on the Bering Sea rookeries at breeding time. The breeding population of bulls and females is not disturbed, but the "bachelor" males can be selected for harvesting with an accurate knowledge of their age, sex, and other pertinent factors.

SALE OF SEALSKINS, 1971

There were 35,948 fur sealskins sold for the account of the U.S. Government at the two public auctions held in Greenville, S.C. Gross receipts from both 1971 sales were $2,625,638. Offerings consisted of 32,884 conventionally processed skins, 1,613 LAKODA sheared skins, and 1,451 natural sheared. April 1-2 sale totaled $1,348,288 and the October 7-8 sale, $1,277,350.

DISTRIBUTION OF PRIBILOF ISLANDS RECEIPTS, FISCAL YEAR, 1971

ITEM	DOLLARS
COST OF HANDLING, PROCESSING, DYEING, AND DRESSING.	1,267,670
COST OF ADMINISTRATION OF PRIBILOF ISLANDS.	2,816,006
PAYMENT TO THE STATE OF ALASKA.	-
NET RECEIPTS TO THE U.S. GOVERNMENT	-
TOTAL	4,083,676

NOTE:--FIGURES SHOWN IN THE ABOVE TABLE ARE COMPUTED ON A FISCAL YEAR BASIS. THOSE QUOTED IN THE PRECEDING NARRATIVE ARE ON A CALENDAR YEAR BASIS.

SECTION 8 - GREAT LAKES FISHERIES

United States and Canadian fishermen in the five Great Lakes and in three of the five international lakes of northern Minnesota and Canada landed 103.8 million pounds of freshwater fish--9.9 million less than in 1970. U.S. landings of 63.9 million pounds worth $6.6 million declined 7.6 million pounds, but increased $196,000 compared with 1970. U.S. landings were 62 percent of the total production. U.S. fishermen received an average price of 10.4 cents per pound in 1971--compared with 9.0 cents in 1970. The Canadian production of over 39.8 million pounds was 2.3 million less than in 1970. Two species, smelt and yellow perch, dominated the Canadian landings and were 72 percent of the entire Canadian harvest. The Canadian waters of Lake St. Clair remained closed to commercial fishing in 1971. The Canadian Government had closed all fisheries there early in 1970 because significant amounts of mercury were found in yellow pike. Commercial fishing is not permitted in the U.S. (Michigan) waters of this lake.

In 1971, landings of alewives, carp, and chubs were 70 percent of the U.S. harvest. Compared with 1970, landings of most major species--alewives, chubs, lake herring, coho salmon, sheepshead, and yellow perch--declined. Small increases occured, however, in catches of carp, smelt, and whitefish.

Wisconsin with 34.8 million pounds led in volume of landings followed by Michigan, 15.6 million; Ohio, 8.1 million; and Minnesota, 3.1 million pounds. Four States (New York, Pennsylvania, Illinois, and Indiana) supplied the remaining 2.3 million pounds. The five Great Lakes in order of total U.S. production were: Michigan, 44.7 million pounds; Erie, 8.8 million; Superior, 6.2 million; Huron, 2.8 million; and Ontario, 306,000 pounds. The catch in Lake of the Woods (1.1 million pounds) accounted for 96 percent of the U.S. landings in the boundary lakes.

Fishermen and vessels. In 1971, 1,525 fishermen operated 220 vessels (5 net tons or more) and 743 smaller craft in the U.S. commercial fisheries--a decline of 11 vessels, but an increase of 55 fishermen and 129 smaller craft compared with 1970.

Processed products. The value of processed seafood items was $42.5 million--an increase of $6.0 million compared with 1970. Ohio led with products valued at $24.0 million, followed by Illinois, $7.2 million; Michigan, $4.4 million; and Minnesota, $4.3 million. New York, Pennsylvania, and Wisconsin supplied the remaining $2.6 million. There were 2,225 persons employed in 191 wholesaling and processing plants in the eight States.

U.S. landings by lake.

Lake Ontario. Landings of 305,600 pounds worth $74,800 declined 8 percent in volume and 5 percent in value compared with 1970. However, the harvest was somewhat better than the 10-year average (1962-71) of 275,000 pounds. Landings of bullheads, carp, eels, white perch, and yellow perch were 86 percent of the total production.

Lake Erie. The value of landings, $1.6 million, was 26 percent greater than in 1970, but the 8.8-million-pound harvest was an all-time low. Landings were 7 percent less than in 1970, and 86 percent less than the record 65.2 million pounds taken in 1890. Compared with 1970, landings of several species declined sharply: sheepshead (840,000 pounds), down 20 percent; yellow perch (2.6 million pounds), down 13 percent; and white bass (1.0 million pounds), down 9 percent.

As in 1970, the fisheries of Lake Erie were once again curtailed by the discovery of pollution in its waters. In August 1971, Ohio closed its white bass and yellow pike fisheries because of DDT contaminants. The white bass fishery was later reopened. New regulations were then in effect permitting catches of fish between 9 and 10-1/4 inches because in this size range any DDT content was below the FDA tolerance levels of 5 ppm. The yellow pike fishery, however, remained closed. The State of Michigan reported a small production consisting of fish netted in order to test their mercury content. Except for these catches, the ban on commercial fishing that began in 1970 remained in effect.

Lake Huron. Landings of 2.8 million pounds increased moderately compared with the 2.4 million taken in 1970--the smallest on record. The value ($497,192) was 23 percent more than in 1970. Greater catches of carp and catfish accounted for most of the increase. Smaller gains occurred in landings of whitefish and yellow perch. During the years 1958-65, chub landings were one of the mainstays of the Lake Huron fishery. Since the latter year, however, production has been declining. In 1971, for the first time on record, no chubs were harvested there.

Lake Michigan. Landings of 44.7 million pounds worth $3.4 million declined 16 percent in volume and 12 percent in value compared with 1970. Production of several important species declined. The harvest of alewives, taken only in Lake Michigan, was 29.7 million pounds--3.8 million less than the near-record production of 1970. Landings of chubs (5.7 million pounds) decreased 3.9 million, and coho salmon (5,100 pounds) decreased 2.2 million pounds. The decline in chub landings followed closure of the fishery in May because of an increase in DDT contaminants. The decline in salmon was caused by discovery of the chemical pollutant PCB (polychlorinated byphenyl), a DDT-like compound. In previous years, coho salmon was available from surplus stocks taken by the Michigan Department of Natural Resources and marketed commercially.

Landings of two important species increased in 1971. Carp landings of 2.5 million pounds were up 27 percent and whitefish landings of 2.9 million were up 67 percent compared with 1970. The whitefish harvest in Lake Michigan has been increasing steadily since 1967.

Lake Superior. Landings of 6.2 million pounds worth $989,576 increased 23 percent in volume and 28 percent in value compared with 1970. Landings of chubs (1.8 million pounds), smelt (2.2 million pounds), and whitefish (642,000 pounds) increased moderately. However, lake herring landings of 1.2 million pounds declined 13 percent compared with 1970, and were far below the record 17.8 million pounds taken in 1941. Landings of lake herring, once the mainstay of the Lake Superior fishery, have declined steadily during the last decade.

Sport fisheries. In 1971, the Michigan State Department of Natural Resources made a postcard sampling survey of sport fishermen. A response of 79 percent indicated that anglers in Lakes Huron, Michigan, and Superior caught 7.4 million yellow perch and 1.2 million salmonoids (lake trout, steelhead trout, brown trout, and coho and chinook salmon).

Other information. Condensed summary data on landings of the Great Lakes Fisheries appearing on the following pages have been published previously in Current Fishery Statistics No. 6234. Seasonal variations in the catch of fish landed in Wisconsin, Ohio, and Michigan can be ascertained from monthly landings bulletins issued currently in cooperation with the fishery departments of these States.

Acknowledgments. The following organizations helped collect the data appearing in this section: Ministry of Natural Resources of Canada; Illinois Department of Conservation, Division of Fisheries; Indiana Department of Conservation, Division of Fish and Game, Section of Fish Management; Michigan Department of Natural Resources, Fisheries Division, Great Lakes Fisheries; Minnesota Department of Conservation, Division of Game and Fish, Section of Fisheries; New York State Department of Environmental Conservation, Great Lakes Fisheries Station; Ohio Department of Natural Resources, Division of Wildlife, Section of Fish Management; Pennsylvania Fish Commission; and the Wisconsin Department of Natural Resources, Fish Management Section.

SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1971

SPECIES	LAKE ONTARIO			LAKE ERIE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS					
ALEWIVES	(1)	-	(1)	-	-	-
BLUE PIKE	-	-	-	(1)	-	(1)
BOWFIN	(1)	-	(1)	-	20	20
BUFFALOFISH	-	-	-	13	-	[illegible]
BULLHEADS	53	219	272	45	[illegible]	[illegible]
BURBOT	-	-	-	(1)	-	(1)
CARP	[illegible]	441	[illegible]	[illegible]	[illegible]	[illegible]
CATFISH	[illegible]	[illegible]	[illegible]	628	101	729
CRAPPIE	[illegible]	-	[illegible]	-	-	-
EEL, COMMON	36	[illegible]	[illegible]	-	-	-
GOLDFISH	-	-	-	[illegible]	-	[illegible]
LAKE HERRING	(1)	[illegible]	[illegible]	-	-	-
PIKE OR PICKEREL	-	[illegible]	1	-	[illegible]	[illegible]
QUILLBACK	-	-	-	[illegible]	-	[illegible]
ROCK BASS	15	[illegible]	[illegible]	(1)	27	27
SAUGER	-	-	-	(1)	-	(1)
SHEEPSHEAD	(1)	[illegible]		[illegible]	93	[illegible]
SMELT	[illegible]	202	[illegible]	[illegible]	13,130	[illegible]
STURGEON, COMMON	-	(1)	(1)	-	-	-
SUCKERS	2	[illegible]	11	129	13	142
SUNFISH	12	150	162	-	84	84
WHITE BASS	(1)	[illegible]	[illegible]	1,000	92	1,092
WHITEFISH, COMMON	(1)	17	17	(1)	1	1
WHITE PERCH	34	[illegible]	[illegible]	-	-	-
YELLOW PERCH	31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
YELLOW PIKE	(1)	[illegible]	[illegible]	55	[illegible]	[illegible]
UNCLASSIFIED, FOR ANIMAL FOOD	-	41	41	-	1,478	1,478
TOTAL	305	[illegible]	[illegible]	[illegible]	29,076	[illegible]

SPECIES	LAKE HURON			LAKE MICHIGAN, UNITED STATES	LAKE SUPERIOR		
	UNITED STATES	CANADA	TOTAL		UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS						
ALEWIVES	(1)	-	(1)	[illegible]	(1)	-	(1)
BOWFIN	(1)	-	(1)	-	-	-	-
BULLHEADS	45	-	45	[illegible]	-	-	-
BURBOT	(1)	2	[illegible]	[illegible]	[illegible]	[illegible]	48
CARP	[illegible]	[illegible]	[illegible]	[illegible]	(1)	-	(1)
CATFISH	[illegible]	21	[illegible]	(1)	-	-	-
CHUBS	-	[illegible]	[illegible]	[illegible]	1,810	52	1,862
CRAPPIE	49	-	49	(1)	-	-	-
GIZZARD SHAD	1	-	1	-	-	-	-
LAKE HERRING	(1)	[illegible]	[illegible]	[illegible]	1,181	2,577	[illegible]
LAKE TROUT	-	1	1	74	[illegible]	[illegible]	345
PIKE OR PICKEREL	-	29	29	[illegible]	-	2	2
QUILLBACK	21	-	21	-	-	-	-
ROCK BASS	1	4	5	(1)	-	-	-
SALMON, SILVER OR COHO	-	-	-	[illegible]	(1)	-	(1)
SAUGER	-	-	-	(1)	-	1	1
SHEEPSHEAD	9	2	11	(1)	-	-	-
SMELT	1	2	3	[illegible]	2,231	217	[illegible]
STURGEON, COMMON	-	9	9	-	-	1	1
SUCKERS	[illegible]	152	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHITE BASS	1	14	15	(1)	-	-	-
WHITEFISH:							
COMMON	203	962	1,165	2,894	[illegible]	[illegible]	[illegible]
MENOMINEE	1	36	37	179	[illegible]	14	37
YELLOW PERCH	597	350	947	746	(1)	20	20
YELLOW PIKE	(1)	97	97	[illegible]	(1)	4	4
UNCLASSIFIED, FOR ANIMAL FOOD	-	314	314	-	-	5	5
TOTAL	2,815	2,757	5,572	44,680	[illegible]	[illegible]	[illegible]

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1971 - Continued

SPECIES	TOTAL, GREAT LAKES			LAKE OF THE WOODS		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS					
ALEWIVES	29,654	-	29,654	-	-	-
BLUE PIKE	(1)	-	(1)	-	-	-
BOWFIN	(1)	20	20	-	-	-
BUFFALOFISH	13	-	13	-	-	-
BULLHEADS	166	254	420	(1)	13	13
BURBOT	192	7	199	118	125	243
CARP	7,288	542	7,830	-	-	-
CATFISH	996	147	1,143	-	-	-
CHUBS	7,523	737	8,260	-	(1)	(1)
CRAPPIE	55	-	55	-	-	-
EEL, COMMON	38	168	206	-	-	-
GIZZARD SHAD	1	-	1	-	-	-
GOLDFISH	80	-	80	-	-	-
LAKE HERRING	1,190	2,627	3,817	-	139	139
LAKE TROUT	270	150	420	-	1	1
PIKE OR PICKEREL	29	50	79	63	243	306
QUILLBACK	49	-	49	(1)	-	(1)
ROCK BASS	16	84	100	-	4	4
SALMON, SILVER OR COHO	5	-	5	-	-	-
SAUGER	(1)	1	1	18	13	31
SHEEPSHEAD	849	102	951	-	-	-
SMELT	3,580	13,551	17,131	-	-	-
STURGEON, COMMON	-	11	11	-	2	2
SUCKERS	1,708	241	1,949	90	196	286
SUNFISH	12	234	246	-	-	-
TULLIBEE	-	-	-	619	-	619
WHITE BASS	1,001	109	1,110	-	-	-
WHITEFISH:						
COMMON	3,739	1,232	4,971	(1)	39	39
MENOMINEE	203	50	253	-	1	1
WHITE PERCH	84	635	719	-	-	-
YELLOW PERCH	4,018	15,178	19,196	5	5	10
YELLOW PIKE	65	138	203	139	360	499
UNCLASSIFIED, FOR ANIMAL FOOD	-	1,838	1,838	-	91	91
TOTAL	62,824	38,106	100,930	1,052	1,232	2,284

SPECIES	NAMAKAN LAKE			RAINY LAKE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS					
BURBOT	2	1	3	3	55	58
CHUBS	-	5	5	-	37	37
PIKE OR PICKEREL	-	2	2	4	85	89
ROCK BASS	-	(1)	(1)	(1)	82	82
STURGEON, COMMON	-	(1)	(1)	-	1	1
SUCKERS	3	13	16	6	127	133
TULLIBEE	2	-	2	2	-	2
WHITEFISH:						
COMMON	6	15	21	6	45	51
MENOMINEE	-	-	-	-	(1)	(1)
YELLOW PERCH	-	-	-	(1)	1	1
YELLOW PIKE	-	2	2	10	28	38
UNCLASSIFIED, FOR ANIMAL FOOD	-	(1)	(1)	-	(1)	(1)
TOTAL	13	38	51	31	461	492

SPECIES	TOTAL, INTERNATIONAL LAKES			GRAND TOTAL, ALL LAKES		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS					
ALEWIVES	-	-	-	29,654	-	29,654
BLUE PIKE	-	-	-	(1)	-	(1)
BOWFIN	-	-	-	(1)	20	20
BUFFALOFISH	-	-	-	13	-	13
BULLHEADS	(1)	13	13	166	267	433
BURBOT	123	181	304	315	188	503
CARP	-	-	-	7,288	542	7,830
CATFISH	-	-	-	996	147	1,143

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1971 - Continued

SPECIES	TOTAL, INTERNATIONAL LAKES			GRAND TOTAL, ALL LAKES		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	-THOUSAND POUNDS-					
CHUBS	-	42	42	7,523	779	8,302
CRAPPIE	-	-	-	55	-	55
EEL, COMMON	-	-	-	38	168	206
GIZZARD SHAD	-	-	-	1	-	1
GOLDFISH	-	-	-	80	-	80
LAKE HERRING	-	139	139	1,190	2,766	3,956
LAKE TROUT	-	1	1	270	151	421
PIKE OR PICKEREL	67	330	397	96	380	476
QUILLBACK	(1)	-	(1)	49	-	49
ROCK BASS	-	86	86	16	170	186
SALMON, SILVER OR COHO	-	-	-	5	-	5
SAUGER	18	13	31	18	14	32
SHEEPSHEAD	-	-	-	849	102	951
SMELT	-	-	-	3,580	13,551	17,131
STURGEON, COMMON	-	3	3	-	14	14
SUCKERS	99	336	435	1,807	577	2,384
SUNFISH	-	-	-	12	234	246
TULLIBEE	623	-	623	623	-	623
WHITE BASS	-	-	-	1,001	109	1,110
WHITEFISH:						
COMMON	12	99	111	3,751	1,331	5,082
MENOMINEE	-	1	1	203	51	254
WHITE PERCH	-	-	-	84	635	719
YELLOW PERCH	5	6	11	4,023	15,184	19,207
YELLOW PIKE	149	390	539	214	528	742
UNCLASSIFIED, FOR ANIMAL FOOD	-	91	91	-	1,929	1,929
TOTAL	1,096	1,731	2,827	63,920	39,837	103,757

1/ LESS THAN 500 POUNDS.

NOTE:--IN CANADA THE LANDINGS OF CRAPPIES HAVE BEEN INCLUDED WITH ROCK BASS.

SUMMARY OF U. S. LANDINGS, 1971

STATE	TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS
NEW YORK	487	140
PENNSYLVANIA	377	106
OHIO	8,111	1,403
MICHIGAN	15,592	2,744
INDIANA	785	144
ILLINOIS	656	164
WISCONSIN	34,807	1,728
MINNESOTA	3,105	199
TOTAL	63,920	6,628

GREAT LAKES FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY LAKES, 1971

ITEM	LAKE ONTARIO	LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR	INTER-NATIONAL LAKES	TOTAL, EXCLUSIVE OF DUPLI-CATION
				NUMBER			
FISHERMEN:							
ON VESSELS:							
REGULAR	-	3	-	51	71	-	75
PART-TIME		24	10	161	1		254
CASUAL	-	18	6	84	32	-	134
ON BOATS AND SHORE:							
REGULAR	-	12	18	6	3	3	42
PART-TIME	8	100	50	88	62	32	340
CASUAL	33	276	24	235	102	7	677
TOTAL FISHERMEN	43	433	118	625	271	44	1,525
VESSELS, MOTOR:							
REGULAR	-	1	-	17	7	-	26
PART-TIME	1	12	10	80	25	1	127
CASUAL	-	9	3	42	16	-	67
TOTAL VESSELS	1	22	13	139	48	1	220
TOTAL GROSS TONNAGE	10	273	143	3,230	970	16	4,578
BOATS:							
MOTOR:							
REGULAR	-	4	6	2	1	1	14
PART-TIME	4	46	24	43	31	16	164
CASUAL	18	211	13	159	81	6	488
TOTAL MOTOR BOATS	22	261	43	204	113	23	666
OTHER:							
PART-TIME	-	9	1	3	-	-	13
CASUAL	2	46	7	8	1	-	64
TOTAL OTHER BOATS	2	55	8	11	1	-	77
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS	312	3,331	1,908	30,032	10,588	134	46,305
ON BOATS AND SHORE	962	15,987	9,945	13,951	7,473	4,124	52,442
TOTAL FISHERMEN DAYS	1,274	19,318	11,853	43,983	18,061	4,258	98,747
CRAFT:							
VESSELS	156	1,560	953	13,100	4,705	67	20,541
BOATS, MOTOR	684	8,754	4,281	7,938	4,449	2,026	28,132
TOTAL CRAFT DAYS	840	10,314	5,234	21,038	9,154	2,093	48,673
FISHING EFFORT:							
LIFTS:							
POUND NETS	-	-	[illegible]	[illegible]	[illegible]	510	7,013
TRAP NETS	2,139	11,562	7,457	2,390	961	-	24,509
FYKE AND HOOP NETS	395	96	[illegible]	9,560	-	26	10,159
LIFTS PER 1,000 LINEAR YARDS:							
HAUL SEINES	4	1,807	80	166	1	-	2,058
GILL NETS:							
1-1/4 - 2 INCH MESH	10	1	-	594	64	-	669
2-1/8 - 3-7/8 INCH MESH	25	9,818	1,198	26,043	10,611	-	47,695
4 - 7 INCH MESH	204	386	5	17,365	3,905	1,853	23,718
7-1/8 - 14 INCH MESH	-	-	1,215	234	26	-	1,475
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET	-	1,654	902	-	-	-	2,556
HOURS TRAWLED	-	-	-	4,045	72	-	4,117
DAYS FISHED, WEIRS	-	-	-	4	-	-	4

NOTE:--THE NUMBER OF DAYS INDICATES THAT FISHING OCCURRED REGARDLESS OF THE AMOUNT OF TIME FISHED DURING A DAY. THE NUMBER OF FISHERMEN AND CRAFT OPERATING AS REGULAR, PART-TIME, AND CASUAL IS BASED ON DAYS OF OPERATION AS FOLLOWS: REGULAR--MORE THAN 161 DAYS, PART-TIME 54 TO 161 DAYS (INCLUSIVE), AND CASUAL--LESS THAN 54 DAYS.

GREAT LAKES FISHERIES

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES, 1971

ITEM	NEW YORK	PENNSYL-VANIA	OHIO	MICHIGAN	INDIANA	ILLI-NOIS	WIS-CONSIN	MINNE-SOTA	TOTAL, EXCLUSIVE OF DUPLI-CATION
FISHERMEN:					NUMBER				
ON VESSELS:									
REGULAR	-	3	-	30	6	-	39	-	78
PART-TIME	6	4	16	134	-	6	95	2	254
CASUAL.	-	5	12	54	-	8	68	6	134
ON BOATS AND SHORE:									
REGULAR	-	-	13	34	-	-	-	6	43
PART-TIME	14	6	[illegible]	104	12	6	54	56	340
CASUAL.	43	2	156	106	25	21	170	53	677
TOTAL FISHERMEN . . .	63	24	384	452	43	41	426	123	1,525
VESSELS, MOTOR:									
REGULAR	-	1	-	10	[illegible]	-	13	-	26
PART-TIME	3	2	8	66	-	3	47	1	127
CASUAL.	-	4	6	27	-	3	34	3	67
TOTAL VESSELS	3	7	14	103	[illegible]	6	94	4	220
TOTAL GROSS TONNAGE .	35	64	175	1,217	40	930	2,042	75	4,578
BOATS:									
MOTOR:									
REGULAR	-	-	4	8	-	-	-	2	14
PART-TIME	7	3	40	52	6	3	25	28	164
CASUAL.	28	3	195	67	22	21	102	50	488
TOTAL MOTOR BOATS . .	35	6	239	127	28	24	127	80	666
OTHER:									
PART-TIME	-	-	9	1	-	-	3	-	13
CASUAL.	2	-	43	11	1	-	7	-	64
TOTAL OTHER BOATS . .	2	-	52	12	1	-	10	-	77
DAYS OPERATED:									
FISHERMEN:									
ON VESSELS.	822	1,161	1,614	20,778	1,485	743	19,388	314	46,305
ON BOATS AND SHORE. . .	1,641	755	14,517	17,611	1,470	735	8,382	7,331	52,442
TOTAL FISHERMEN DAYS.	2,463	1,916	16,131	38,389	2,955	1,478	27,770	7,645	98,747
CRAFT:									
VESSELS	411	475	807	9,339	495	352	8,505	157	20,541
BOATS, MOTOR.	1,084	422	7,896	8,237	878	491	5,192	3,932	28,132
TOTAL CRAFT DAYS. . .	1,495	897	8,703	17,576	1,373	843	13,697	4,089	48,673
FISHING EFFORT:									
LIFTS:									
POUND NETS.	-	-	-	2,679	-	-	3,150	1,184	7,013
TRAP NETS	2,139	-	11,491	10,794	-	-	85	-	24,509
FYKE AND HOOP NETS. . .	395	-	96	82	-	-	9,560	26	10,159
LIFTS PER 1,000 LINEAR YARDS:									
HAUL SEINES	4	-	1,738	350	-	-	166	-	2,258
GILL NETS:									
1-1/4 - 2 INCH MESH .	10	-	1	106	25	7	520	-	669
2-1/8 - 3-7/8 INCH MESH	1,297	2,510	6,036	14,746	2,015	2,054	17,997	1,040	47,695
4 - 7 INCH MESH . . .	546	33	11	16,008	298	-	4,955	1,867	23,718
7-1/8 - 14 INCH MESH.	-	-	-	1,241	-	234	-	-	1,475
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET . . .	-	-	1,654	902	-	-	-	-	2,556
HOURS TRAWLED	-	-	-	60	-	-	3,985	72	4,117
DAYS FISHED, WEIRS. . . .	-	-	-	-	4	-	-	-	4

SEE NOTE ON PAGE 293.

GREAT LAKES FISHERIES

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1971

ITEM	NEW YORK		PENNSYLVANIA, LAKE ERIE	OHIO, LAKE ERIE	MICHIGAN		
	LAKE ONTARIO	LAKE ERIE			LAKE ERIE	LAKE HURON	LAKE MICHIGAN
				NUMBER			
FISHERMEN:							
ON VESSELS:							
REGULAR	-	-	3	-	-	-	21
PART-TIME	2	4	4	16	-	10	41
CASUAL	-	-	8	12	1	3	[illegible]
ON BOATS AND SHORE:							
REGULAR	-	-	-	12	-	18	6
PART-TIME	8	6	6	88	-	70	19
CASUAL	33	10	3	256	-	14	46
TOTAL FISHERMEN	43	20	24	384	1	115	[illegible]
VESSELS, MOTOR:							
REGULAR	-	-	1	-	-	-	6
PART-TIME	1	2	2	8	-	10	44
CASUAL	-	-	4	6	[illegible]	3	19
TOTAL VESSELS	1	2	7	14	[illegible]	13	69
TOTAL GROSS TONNAGE	10	28	84	175	13	143	1,641
BOATS:							
MOTOR:							
REGULAR	-	-	-	4	-	6	[illegible]
PART-TIME	4	3	3	40	-	14	10
CASUAL	18	10	3	195	3	[illegible]	16
TOTAL MOTOR BOATS	22	13	6	239	3	43	[illegible]
OTHER:							
PART-TIME	-	-	-	9	-	1	-
CASUAL	2	-	-	43	[illegible]	7	-
TOTAL OTHER BOATS	2	-	-	52	[illegible]	8	-
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS	312	510	1,161	1,614	46	1,908	13,677
ON BOATS AND SHORE	962	679	755	14,517	36	9,945	4,228
TOTAL FISHERMEN DAYS	1,274	1,189	1,916	16,131	82	11,853	17,905
CRAFT:							
VESSELS	156	255	475	807	43	953	6,097
BOATS, MOTOR	684	400	422	7,896	36	4,281	1,981
TOTAL CRAFT DAYS	840	655	897	8,703	79	5,234	8,078
FISHING EFFORT:							
LIFTS:							
POUND NETS	-	-	-	-	-	143	2,489
TRAP NETS	4,139	-	-	11,491	71	7,457	2,390
FYKE AND HOOP NETS	395	-	-	96	-	48	-
LIFTS PER 1,000 LINEAR YARDS:							
HAUL SEINES	4	-	-	1,738	69	280	-
GILL NETS:							
1-1/4 - 2 INCH MESH	10	-	-	1	-	-	86
2-1/8 - 3-7/8 INCH MESH	25	1,272	2,510	6,036	-	1,198	7,334
4 - 7 INCH MESH	204	342	33	11	-	25	13,236
7-1/8 - 14 INCH MESH	-	-	-	-	-	1,215	-
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET	-	-	-	1,654	-	902	-
HOURS TRAWLED	-	-	-	-	-	-	60

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1971 - Continued

ITEM	MICHIGAN-CONTINUED	INDIANA, LAKE MICHIGAN	ILLINOIS, LAKE MICHIGAN	WISCONSIN		MINNESOTA	
	LAKE SUPERIOR			LAKE MICHIGAN	LAKE SUPERIOR	LAKE SUPERIOR	INTERNATIONAL LAKES
	NUMBER						
FISHERMEN:							
ON VESSELS:							
REGULAR	9	6	-	27	12	-	-
PART-TIME	29	-	6	73	20	-	2
CASUAL.	12	-	8	54	14	6	-
ON BOATS AND SHORE:							
REGULAR	-	-	-	-	-	3	3
PART-TIME	36	12	6	52	4	24	32
CASUAL.	29	25	21	143	27	46	7
TOTAL FISHERMEN . . .	115	43	41	349	77	79	44
VESSELS, MOTOR:							
REGULAR	3	2	-	9	4	-	-
PART-TIME	14	-	3	36	11	-	1
CASUAL.	6	-	3	27	7	3	-
TOTAL VESSELS	23	2	6	72	22	3	1
TOTAL GROSS TONNAGE .	474	40	230	1,605	437	59	16
BOATS:							
MOTOR:							
REGULAR	-	-	-	-	-	1	1
PART-TIME	18	6	3	24	1	12	16
CASUAL.	25	22	21	90	12	44	6
TOTAL MOTOR BOATS . .	43	28	24	114	13	57	23
OTHER:							
PART-TIME	-	-	-	3	-	-	-
CASUAL.	1	1	-	7	-	-	-
TOTAL OTHER BOATS . .	1	1	-	10	-	-	-
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS.	5,147	1,485	743	14,127	5,261	180	134
ON BOATS AND SHORE. . .	3,402	1,470	735	7,518	864	3,207	4,124
TOTAL FISHERMEN DAYS.	8,549	2,955	1,478	21,645	6,125	3,387	4,258
CRAFT:							
VESSELS	2,266	495	352	6,156	2,349	90	67
BOATS, MOTOR.	1,939	878	491	4,588	604	1,906	2,026
TOTAL CRAFT DAYS. . .	4,205	1,373	843	10,744	2,953	1,996	2,093
FISHING EFFORT:							
LIFTS:							
POUND NETS.	47	-	-	2,232	918	374	810
TRAP NETS	876	-	-	-	85	-	-
FYKE AND HOOP NETS. . .	-	-	-	9,560	-	-	26
LIFTS PER 1,000 LINEAR YARDS:							
HAUL SEINES	1	-	-	166	-	-	-
GILL NETS:							
1-1/4 - 2 INCH MESH .	20	25	7	276	144	-	-
2-1/8 - 3-7/8 INCH MESH	6,214	2,015	2,054	14,640	3,357	1,040	-
4 - 7 INCH MESH . . .	2,745	298	-	3,729	1,226	14	1,853
7-1/8 - 14 INCH MESH.	26	-	-	234	-	-	-
HOURS TRAWLED	-	-	-	3,985	-	72	-
DAYS FISHED, WEIRS. . . .	-	4	-	-	-	-	-

SEE NOTE ON PAGE 293.

LANDINGS BY STATES, 1971

SPECIES	NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	(1)	4	-	-	-	-
BLUE PIKE	-	-	(1)	13	-	-
BOWFIN	300	5	-	-	-	-
BUFFALOFISH	-	-	-	-	12,200	1,948
BULLHEADS	53,200	18,879	(1)	1	36,400	6,200
BURBOT	(1)	(1)	(1)	(1)	-	-
CARP	57,800	3,440	200	3	3,262,200	163,111
CATFISH	3,200	777	200	54	627,100	269,641
CRAPPIE	5,700	1,765	-	-	-	-
EEL, COMMON	38,100	9,325	-	-	-	-
GOLDFISH	-	-	-	-	79,600	3,979
LAKE HERRING	400	136	-	-	-	-
QUILLBACK	-	-	-	-	28,100	1,123
ROCK BASS	14,900	3,411	-	-	-	-
SAUGER	-	-	(1)	1	-	-
SHEEPSHEAD	9,500	175	4,600	104	826,200	57,835
SMELT	3,000	834	1,300	109	700	58
SUCKERS	7,800	336	3,400	70	120,500	7,229
SUNFISH	12,300	2,539	-	-	-	-
WHITE BASS	11,100	3,018	11,600	1,744	928,900	213,645
WHITEFISH, COMMON	400	262	100	65	-	-
WHITE PERCH	83,500	25,246	-	-	-	-
YELLOW PERCH	136,300	40,244	349,600	100,539	2,188,900	678,574
YELLOW PIKE	49,500	29,595	5,800	2,882	-	-
TOTAL	487,000	139,991	376,800	105,585	8,110,800	1,403,343

SPECIES	MICHIGAN		INDIANA		ILLINOIS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	3,895,500	42,397	112,900	445	2,700	25
BOWFIN	200	5	-	-	-	-
BUFFALOFISH	400	90	-	-	-	-
BULLHEADS	53,400	7,358	-	-	-	-
BURBOT	138,700	1,858	(1)	4	(1)	(1)
CARP	1,503,900	94,647	(1)	(1)	(1)	1
CATFISH	365,300	109,284	100	48	-	-
CHUBS	3,166,600	567,697	28,500	5,195	544,700	134,652
CRAPPIE	48,900	20,605	-	-	-	-
GIZZARD SHAD	400	33	-	-	-	-
LAKE HERRING	727,900	115,051	3,200	352	100	10
LAKE TROUT	152,500	91,234	25,700	13,524	500	232
PIKE OR PICKEREL	-	-	100	95	-	-
QUILLBACK	21,200	820	-	-	-	-
ROCK BASS	900	163	(1)	(1)	-	-
SALMON, SILVER OR COHO	-	-	5,100	2,695	(1)	11
SAUGER	(1)	1	-	-	-	-
SHEEPSHEAD	8,900	630	-	-	-	-
SMELT	1,089,100	22,182	43,600	4,332	1,900	232
SUCKERS	592,500	20,142	209,000	8,428	100	1
WHITE BASS	48,900	14,232	-	-	-	-
WHITEFISH:						
COMMON	3,005,500	1,432,795	22,600	11,731	(1).	5
MENOMINEE	174,100	35,268	-	-	-	-
YELLOW PERCH	597,700	167,678	333,900	97,244	105,900	29,129
YELLOW PIKE	(1)	12	-	-	-	-
TOTAL	15,592,500	2,744,182	784,700	144,093	655,900	164,298

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	25,642,800	262,410	-	-	29,653,900	305,281
BLUE PIKE	-	-	-	-	(1)	13
BOWFIN	-	-	-	-	500	10
BUFFALOFISH	-	-	-	-	12,600	2,038
BULLHEADS	23,300	2,153	300	18	166,600	34,609
BURBOT	53,300	2,295	123,200	4,301	315,200	8,458

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1971 - Continued

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP.	2,463,300	79,944	-	-	7,287,400	341,146
CATFISH	100	8	-	-	996,000	379,812
CHUBS	3,723,500	766,127	60,000	7,198	7,523,300	1,480,869
CRAPPIE	-	-	-	-	54,600	22,370
EEL, COMMON	-	-	-	-	38,100	9,325
GIZZARD SHAD.	-	-	-	-	400	33
GOLDFISH.	-	-	-	-	79,600	3,979
LAKE HERRING.	288,100	33,049	170,700	17,070	1,190,400	165,668
LAKE TROUT.	69,700	34,596	21,200	13,806	269,600	153,392
PIKE OR PICKEREL.	29,000	3,409	67,400	7,460	96,500	10,964
QUILLBACK	-	-	(1)	(1)	49,300	1,943
ROCK BASS	-	-	-	-	15,800	3,574
SALMON, SILVER OR COHO. . .	(1)	23	-	-	5,100	2,729
SAUGER.	-	-	17,700	3,528	17,700	3,530
SHEEPSHEAD.	(1)	(1)	-	-	849,200	58,744
SMELT	699,000	35,859	1,741,500	52,243	3,580,100	115,849
SUCKERS	765,900	16,228	107,200	2,057	1,806,400	54,491
SUNFISH	-	-	-	-	12,300	2,539
TULLIBEE.	-	-	622,800	21,800	622,800	21,800
WHITE BASS.	(1)	2	-	-	1,000,500	232,641
WHITEFISH:						
COMMON.	706,900	374,048	16,100	5,284	3,751,600	1,824,190
MENOMINEE	27,000	5,617	2,100	208	203,200	41,093
WHITE PERCH	-	-	-	-	83,500	25,246
YELLOW PERCH.	305,900	106,660	5,600	674	4,023,800	1,220,742
YELLOW PIKE	9,900	5,158	149,100	63,591	214,300	101,238
TOTAL	34,807,700	1,727,586	3,104,900	199,238	63,920,300	6,628,316

1/ LESS THAN 50 POUNDS OR 50 CENTS.

LANDINGS BY LAKES AND STATES, 1971

SPECIES	LAKE ONTARIO		LAKE ERIE			
	NEW YORK		NEW YORK		PENNSYLVANIA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	(1)	4	-	-	-	-
BLUE PIKE	-	-	-	-	(1)	13
BOWFIN.	300	5	-	-	-	-
BULLHEADS	53,000	18,877	200	2	(1)	1
BURBOT.	-	-	(1)	(1)	(1)	(1)
CARP.	57,400	3,436	400	4	200	3
CATFISH	2,700	648	500	129	200	54
CRAPPIE	5,700	1,765	-	-	-	-
EEL, COMMON	38,100	9,325	-	-	-	-
LAKE HERRING.	400	136	-	-	-	-
ROCK BASS	14,900	3,411	(1)	(1)	-	-
SAUGER.	-	-	-	-	(1)	1
SHEEPSHEAD.	400	73	9,100	102	4,600	104
SMELT	2,800	833	200	1	1,300	109
SUCKERS	2,400	245	5,400	91	3,400	70
SUNFISH	12,300	2,539	-	-	-	-
WHITE BASS.	200	30	10,900	2,988	11,600	1,744
WHITEFISH, COMMON	400	262	-	-	100	65
WHITE PERCH	83,500	25,246	-	-	-	-
YELLOW PERCH.	30,800	7,846	105,500	32,398	349,600	100,539
YELLOW PIKE	300	113	49,200	29,482	5,800	2,882
TOTAL.	305,600	74,794	181,400	65,197	376,800	105,585

SPECIES	LAKE ERIE - CONTINUED					
	OHIO		MICHIGAN		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUE PIKE	-	-	-	-	(1)	13
BUFFALOFISH	12,200	1,948	400	90	12,600	2,038
BULLHEADS	36,400	6,200	8,700	1,543	45,300	7,746
BURBOT.	-	-	-	-	(1)	(1)
CARP.	3,262,200	163,111	115,000	10,916	3,377,800	174,034
CATFISH	627,100	269,641	-	-	627,800	269,824

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKES AND STATES, 1971 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	OHIO		MICHIGAN		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
GOLDFISH	79,600	3,979	-	-	79,600	3,979
QUILLBACK	28,100	1,123	-	-	28,100	1,123
ROCK BASS	-	-	-	-	(1)	(1)
SAUGER	-	-	-	-	(1)	1
SHEEPSHEAD	826,200	57,835	(1)	(1)	839,900	58,041
SMELT	700	58	-	-	2,200	168
SUCKERS	120,500	7,229	-	-	129,300	7,390
WHITE BASS	928,900	213,645	48,300	13,952	999,700	232,329
WHITEFISH, COMMON	-	-	-	-	100	65
YELLOW PERCH	2,188,900	678,574	400	69	2,644,400	811,580
YELLOW PIKE	-	-	-	-	55,000	32,364
TOTAL	8,110,800	1,403,343	172,800	26,570	8,841,800	1,600,695

SPECIES	LAKE HURON		LAKE MICHIGAN			
	MICHIGAN		MICHIGAN		INDIANA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	200	8	3,895,300	42,389	112,900	445
BOWFIN	200	5	-	-	-	-
BULLHEADS	44,700	5,815	-	-	-	-
BURBOT	100	1	98,900	1,080	(1)	4
CARP	1,387,600	83,671	1,300	60	(1)	(1)
CATFISH	365,300	109,284	(1)	(1)	100	48
CHUBS	-	-	2,001,800	383,464	28,500	5,195
CRAPPIE	48,900	20,605	(1)	(1)	-	-
GIZZARD SHAD	400	33	-	-	-	-
LAKE HERRING	(1)	(1)	(1)	2	3,200	352
LAKE TROUT	-	-	44,200	22,837	25,700	13,524
PIKE OR PICKEREL	-	-	-	-	100	95
QUILLBACK	21,200	820	-	-	-	-
ROCK BASS	900	163	-	-	(1)	(1)
SALMON, SILVER OR COHO	-	-	-	-	5,100	2,695
SAUGER	-	-	(1)	1	-	-
SHEEPSHEAD	8,900	630	(1)	(1)	-	-
SMELT	700	66	1,084,500	20,549	43,600	4,332
SUCKERS	133,500	10,763	425,300	8,582	209,000	8,428
WHITE BASS	600	280	-	-	-	-
WHITEFISH:						
COMMON	202,700	97,147	2,389,500	1,108,869	22,600	11,731
MENOMINEE	1,500	296	172,200	34,893	-	-
YELLOW PERCH	597,300	167,601	(1)	3	333,900	97,244
YELLOW PIKE	(1)	4	-	-	-	-
TOTAL	2,814,700	497,192	10,113,000	1,622,729	784,700	144,093

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	2,700	25	25,642,800	262,410	29,653,700	305,269
BULLHEADS	-	-	23,300	2,153	23,300	2,153
BURBOT	(1)	(1)	50,000	2,263	148,900	3,347
CARP	(1)	1	2,463,200	79,940	2,464,500	80,001
CATFISH	-	-	100	8	200	56
CHUBS	544,700	134,652	3,138,000	670,672	5,713,000	1,193,983
CRAPPIE	-	-	-	-	(1)	(1)
LAKE HERRING	100	10	5,900	1,469	9,200	1,833
LAKE TROUT	500	232	2,900	1,440	73,300	38,033
PIKE OR PICKEREL	-	-	29,000	3,409	29,100	3,504
ROCK BASS	-	-	-	-	(1)	(1)
SALMON, SILVER OR COHO	(1)	11	(1)	9	5,100	2,715
SAUGER	-	-	-	-	(1)	1
SHEEPSHEAD	-	-	(1)	(1)	(1)	(1)
SMELT	1,900	232	213,500	9,764	1,343,500	34,877
SUCKERS	100	1	752,600	15,838	1,387,000	32,849
WHITE BASS	-	-	(1)	2	(1)	2
WHITEFISH:						
COMMON	(1)	5	482,300	264,449	2,894,400	1,385,054
MENOMINEE	-	-	6,700	2,551	178,900	37,444
YELLOW PERCH	105,900	29,129	305,900	106,660	745,700	233,036
YELLOW PIKE	-	-	9,900	5,157	9,900	5,157
TOTAL	655,900	164,298	33,126,100	1,428,194	44,679,700	3,359,314

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKES AND STATES, 1971 - Continued

SPECIES	LAKE SUPERIOR					
	MICHIGAN		WISCONSIN		MINNESOTA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	(1)	(1)	(1)	(1)	-	-
BURBOT	39,700	777	3,300	32	300	(1)
CARP	(1)	(1)	100	4	-	-
CHUBS	1,164,800	184,233	585,500	95,455	60,000	7,198
LAKE HERRING	727,900	115,049	282,200	31,580	170,700	17,070
LAKE TROUT	108,300	68,397	66,800	33,156	21,200	13,806
SALMON, SILVER OR COHO	-	-	(1)	14	-	-
SMELT	3,900	1,567	485,500	26,095	1,741,500	52,243
SUCKERS	33,700	797	13,300	390	8,500	85
WHITEFISH:						
COMMON	413,300	226,779	224,600	109,599	3,800	1,883
MENOMINEE	400	79	20,300	3,066	2,100	208
YELLOW PERCH	(1)	5	-	-	-	-
YELLOW PIKE	(1)	8	(1)	1	-	-
TOTAL	2,492,000	597,691	1,681,600	299,392	2,008,100	92,493

SPECIES	LAKE SUPERIOR - CONTINUED		TOTAL, GREAT LAKES		LAKE OF THE WOODS	
	TOTAL				MINNESOTA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	(1)	(1)	29,653,900	305,281	-	-
BLUE PIKE	-	-	(1)	13	-	-
BOWFIN	-	-	500	10	-	-
BUFFALOFISH	-	-	12,600	2,038	-	-
BULLHEADS	-	-	166,300	34,591	300	18
BURBOT	43,300	809	192,300	4,157	118,300	4,140
CARP	100	4	7,287,400	341,146	-	-
CATFISH	-	-	996,000	379,812	-	-
CHUBS	1,810,300	286,886	7,523,300	1,480,869	-	-
CRAPPIE	-	-	54,600	22,370	-	-
EEL, COMMON	-	-	38,100	9,325	-	-
GIZZARD SHAD	-	-	400	33	-	-
GOLDFISH	-	-	79,600	3,979	-	-
LAKE HERRING	1,180,800	163,699	1,190,400	165,668	-	-
LAKE TROUT	196,300	115,359	269,600	153,392	-	-
PIKE OR PICKEREL	-	-	29,100	3,504	63,400	6,975
QUILLBACK	-	-	49,300	1,943	(1)	(1)
ROCK BASS	-	-	15,800	3,574	-	-
SALMON, SILVER OR COHO	(1)	14	5,100	2,729	-	-
SAUGER	-	-	(1)	2	17,700	3,528
SHEEPSHEAD	-	-	849,200	58,744	-	-
SMELT	2,230,900	79,905	3,580,100	115,849	-	-
SUCKERS	55,500	1,272	1,707,700	52,519	89,500	1,789
SUNFISH	-	-	12,300	2,539	-	-
TULLIBEE	-	-	-	-	618,300	21,641
WHITE BASS	-	-	1,000,500	232,641	-	-
WHITEFISH:						
COMMON	641,700	338,261	3,739,300	1,820,789	100	34
MENOMINEE	22,800	3,353	203,200	41,093	-	-
WHITE PERCH	-	-	83,500	25,246	-	-
YELLOW PERCH	(1)	5	4,018,200	1,220,068	5,600	674
YELLOW PIKE	(1)	9	65,200	37,647	139,400	58,563
TOTAL	6,181,700	989,576	62,823,500	6,521,571	1,052,600	97,362

SPECIES	NAMAKAN LAKE		RAINY LAKE	
	MINNESOTA		MINNESOTA	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BURBOT	1,500	53	3,100	108
PIKE OR PICKEREL	-	-	4,000	485
SUCKERS	2,700	54	6,500	129
TULLIBEE	2,200	78	2,300	81
WHITEFISH, COMMON	6,500	1,931	5,700	1,436
YELLOW PERCH	-	-	(1)	(1)
YELLOW PIKE	-	-	9,700	5,028
TOTAL	12,900	2,116	31,300	7,267

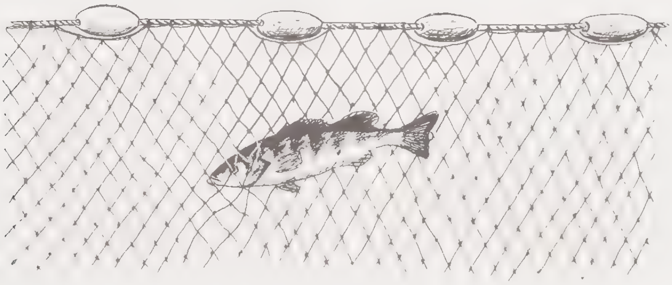
SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKES AND STATES, 1971 - Continued

SPECIES	TOTAL, INTERNATIONAL LAKES		TOTAL, ALL LAKES	
	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	29,653,900	305,281
BLUE PIKE	-	-	(1)	13
BOWFIN	-	-	500	10
BUFFALOFISH	-	-	12,600	2,038
BULLHEADS	300	18	166,600	34,609
BURBOT	122,900	4,301	315,200	8,458
CARP	-	-	7,287,400	341,146
CATFISH	-	-	996,000	379,812
CHUBS	-	-	7,523,300	1,480,869
CRAPPIE	-	-	54,600	22,370
EEL, COMMON	-	-	38,100	9,325
GIZZARD SHAD	-	-	400	33
GOLDFISH	-	-	79,600	3,979
LAKE HERRING	-	-	1,190,400	165,668
LAKE TROUT	-	-	269,600	153,392
PIKE OR PICKEREL	67,400	7,460	96,500	10,964
QUILLBACK	(1)	(1)	49,300	1,943
ROCK BASS	-	-	15,800	3,574
SALMON, SILVER OR COHO	-	-	5,100	2,729
SAUGER	17,700	3,528	17,700	3,530
SHEEPSHEAD	-	-	849,200	58,744
SMELT	-	-	3,580,100	115,849
SUCKERS	98,700	1,972	1,806,400	54,491
SUNFISH	-	-	12,300	2,539
TULLIBEE	622,800	21,800	622,800	21,800
WHITE BASS	-	-	1,000,500	232,641
WHITEFISH:				
COMMON	12,300	3,401	3,751,600	1,824,190
MENOMINEE	-	-	203,200	41,093
WHITE PERCH	-	-	83,500	25,246
YELLOW PERCH	5,600	674	4,023,800	1,220,742
YELLOW PIKE	149,100	63,591	214,300	101,238
TOTAL	1,096,800	106,745	[illegible]	[illegible]

1/ LESS THAN 50 POUNDS OR 50 CENTS.



GILL NETS

GREAT LAKES FISHERIES

PROCESSED FISHERY PRODUCTS, 1971

ITEM	I. T	NEW YORK		PENNSYLVANIA		OHIO	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS	QUANTITY	DOLLARS
CARP, SMOKED.	POUNDS	-	-	-	-	(1)	(1)
CATFISH FILLETS BREADED RAW, FROZEN	DO	-	-	-	-	(1)	(1)
CHUBS, SMOKED	DO	-	-	-	-	(1)	(1)
COD:							
FILLETS BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)	-	-	1,400,170	1,019,007
SPECIALTIES (BITES, BREADED RAW, FROZEN)	DO	-	-	-	-	(1)	(1)
FLOUNDERS, FRESH AND FROZEN:							
FILLETS, BREADED RAW. . . .	DO	-	-	-	-	317,118	226,412
SPECIALTIES (IN SAUCES) . .	DO	-	-	-	-	(1)	(1)
HADDOCK, FRESH AND FROZEN:							
FILLETS BREADED, RAW AND COOKED	DO	(1)	(1)	-	-	(1)	(1)
SPECIALTIES (IN SAUCES) . .	DO	-	-	-	-	(1)	(1)
HALIBUT, FILLETS AND STEAKS, FRESH AND FROZEN	DO	(1)	(1)	-	-	(1)	(1)
HERRING, SEA:							
SPECIALTIES FRESH, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES)	DO	-	-	-	-	(1)	(1)
SALTED.	DO	-	-	-	-	(1)	(1)
MACKEREL, ATLANTIC, FILLETS, FRESH.	DO	(1)	(1)	-	-	-	-
OCEAN PERCH FILLETS, FRESH AND FROZEN, BREADED RAW AND COOKED.	DO	-	-	-	-	1,580,510	949,297
POLLOCK FILLETS, FROZEN, BREADED AND COOKED	DO	(1)	(1)	-	-	-	-
SABLEFISH, SMOKED	DO	-	-	-	-	(1)	(1)
SALMON:							
STEAKS, FRESH AND FROZEN. .	DO	(1)	(1)	-	-	(1)	(1)
SALTED.	DO	-	-	-	-	(1)	(1)
SMOKED.	DO	-	-	-	-	(1)	(1)
SAUGER FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-	(1)	(1)
SNAPPER, RED, FILLETS, FRESH.	DO	(1)	(1)	-	-	(1)	(1)
WHITE BASS, FILLETS, FRESH. .	DO	-	-	-	-	(1)	(1)
WHITEFISH:							
FILLETS, FRESH AND FROZEN .	DO	66,000	81,100	(1)	(1)	48,960	57,640
SMOKED.	DO	36,344	37,111	(1)	(1)	(1)	(1)
YELLOW PERCH, FILLETS, FRESH AND FROZEN:							
RAW	DO	12,150	14,350	406,500	467,100	622,000	726,000
BREADED, RAW AND COOKED . .	DO	-	-	-	-	1.087,340	1,327,286
YELLOW PIKE FILLETS, FRESH AND FROZEN:							
RAW	DO	56,000	91,250	(1)	(1)	92,000	150,050
BREADED RAW AND COOKED. . .	DO	-	-	-	-	(1)	(1)
LOBSTERS, AMERICAN (NORTHERN), SPECIALTIES, FROZEN.	DO	-	-	-	-	(1)	(1)
SHRIMP:							
FRESH AND FROZEN:							
COOKED AND PEELED	DO	(1)	(1)	-	-	(1)	(1)
BREADED RAW	DO	(1)	(1)	-	-	(1)	(1)
SMOKED.	DO	(1)	(1)	-	-	-	-
SCALLOPS, SEA, BREADED RAW, FROZEN	DO	-	-	-	-	(1)	(1)
UNCLASSIFIED:							
FRESH AND FROZEN PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH.	DO	544,050	1,014,310	115,100	187,950	39,040,177	19,219,396
CURED	DO	(2)	(2)	(2)	(2)	266,720	290,177
TOTAL.	-	-	1,238,121	-	655,050	-	23,959,265

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	MICHIGAN		ILLINOIS	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
ALEWIVES, CANNED, PET FOOD	STANDARD CASES	-	-	(1)	(1)
ANCHOVY PASTE, CANNED	DO	(1)	(1)	-	-
BUFFALOFISH, FILLETS AND STEAKS, FRESH AND FROZEN	POUNDS	-	-	(1)	(1)
CARP FILLETS, FRESH AND FROZEN	DO	-	-	(1)	(1)
CHUBS, SMOKED	DO	160,740	116,299	1,937,541	1,580,675
COD FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
EELS, SMOKED	DO	-	-	(1)	(1)
FLOUNDERS, FRESH AND FROZEN:					
DRESSED	DO	-	-	(1)	(1)
FILLETS RAW	DO	(1)	(1)	-	-
GROUPER FILLETS, BREADED RAW, FROZEN	DO	-	-	(1)	(1)
HADDOCK FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
HALIBUT FILLETS AND STEAKS, FRESH AND FROZEN	DO	(1)	(1)	-	-
HERRING:					
LAKE:					
FRESH AND FROZEN	DO	5,500	2,795	-	-
SALTED	DO	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	-	-
SEA:					
SPECIALTIES FRESH, CURED AND AND REFRIGERATED (IN WINE AND CREAM SAUCES)	DO	(1)	(1)	(1)	(1)
SALTED		-	-	(1)	(1)
LAKE TROUT:					
FILLETS, FRESH AND FROZEN	DO	66,370	80,737	(1)	(1)
CANNED (PASTE)	STANDARD CASES	(1)	(1)	-	-
SMOKED	POUNDS	(1)	(1)	(1)	(1)
OCEAN PERCH FILLETS, FRESH AND FROZEN:					
RAW	DO	(1)	(1)	-	-
BREADED, RAW AND COOKED	DO	(1)	(1)	(1)	(1)
SABLEFISH, SMOKED	DO	(1)	(1)	(1)	(1)
SALMON:					
STEAKS, FRESH AND FROZEN	DO	(1)	(1)	-	-
CANNED (PASTE)	STANDARD CASES	(1)	(1)	-	-
SMOKED	POUNDS	(1)	(1)	(1)	(1)
SAUGER FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
SNAPPER, RED, FILLETS FRESH	DO	(1)	(1)	(1)	(1)
STURGEON, SMOKED	DO	-	-	(1)	(1)
TURBOT FILLETS, FRESH	DO	-	-	(1)	(1)
WHITE BASS FILLETS, FRESH	DO	(1)	(1)	-	-
WHITEFISH:					
FILLETS, FRESH AND FROZEN	DO	469,725	565,681	197,500	198,570
SMOKED	DO	8,350	9,165	(1)	(1)
WHITING:					
DRESSED AND SKINNED FROZEN	DO	(1)	(1)	-	-
SMOKED	DO	-	-	(1)	(1)
YELLOW PERCH FILLETS, FRESH AND FROZEN:					
RAW	DO	275,042	315,883	22,500	24,500
BREADED, RAW AND COOKED	DO	(1)	(1)	(1)	(1)
YELLOW PIKE FILLETS, FRESH AND FROZEN:					
RAW	DO	118,200	148,420	72,350	109,500
LOBSTERS, AMERICAN (NORTHERN) SPECIALTIES, CANNED (PASTE)	STANDARD CASES	(1)	(1)	-	-
SHRIMP, CANNED (PASTE)	DO	(1)	(1)	-	-
OYSTERS, BREADED RAW, FROZEN	POUNDS	-	-	(1)	(1)
SCALLOPS, SEA, BREADED RAW, FROZEN	DO	(1)	(1)	(1)	(1)
FROG LEGS, BREADED RAW, FROZEN	DO	-	-	(1)	(1)
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH	DO	508,834	505,189	1,647,488	549,332
CANNED	STANDARD CASES	(2)	(2)	(2)	(2)
CURED	DO	1,727,450	2,674,797	6,956,366	4,688,352
TOTAL	-	-	4,418,960	-	7,150,929

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	UNIT	WISCONSIN		MINNESOTA	
		QUANTITY	DOLLARS	QUANTITY	DOLLARS
ALEWIVES:					
MEAL AND SCRAP.	TONS	(1)	(1)	-	-
OIL	1000 LBS	(1)	(1)	-	-
BUFFALOFISH FILLETS AND STEAKS, FRESH AND FROZEN	POUNDS	(1)	(1)	-	-
CARP, SMOKED.	DO	(1)	(1)	-	-
CHUBS, SMOKED	DO	1,606,026	882,100	(1)	(1)
COD:					
FILLETS, FRESH AND FROZEN:					
RAW	DO	(1)	(1)	(1)	(1)
BREADED, RAW AND COOKED	DO	(1)	(1)	-	-
LUTEFISK.	DO	-	-	(1)	(1)
FLOUNDERS DRESSED, FROZEN	DO	(1)	(1)	-	-
HADDOCK FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
HALIBUT FILLETS AND STEAKS, FRESH AND FROZEN	DO	66,000	48,550	-	-
HERRING:					
LAKE:					
FRESH AND FROZEN:					
HEADED AND BREADED.	DO	-	-	(1)	(1)
FILLETS	DO	(1)	(1)	(1)	(1)
SALTED.	DO	(1)	(1)	(1)	(1)
SMOKED.	DO	(1)	(1)	(1)	(1)
SEA:					
SPECIALTIES FRESH, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES)	DO	(1)	(1)	-	-
SALTED.	DO	-	-	(1)	(1)
LAKE TROUT:					
FILLETS, FRESH AND FROZEN	DO	52,400	53,055	(1)	(1)
SMOKED.	DO	14,600	15,630	(1)	(1)
OCEAN PERCH FILLETS, FRESH AND FROZEN:					
RAW.	DO	(1)	(1)	(1)	(1)
BREADED, RAW AND COOKED.	DO	(1)	(1)	-	-
PIKE OR PICKEREL FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
POLLOCK FILLETS, FROZEN	DO	(1)	(1)	-	-
SABLEFISH, SMOKED	DO	16,100	15,210	-	-
SALMON:					
STEAKS, FRESH AND FROZEN.	DO	(1)	(1)	-	-
SMOKED.	DO	55,700	64,450	-	-
SAUGER FILLETS, FRESH AND FROZEN. .	DO	(1)	(1)	-	-
SMELT, BREADED AND COOKED, FROZEN .	DO	(1)	(1)	-	-
WHITEFISH:					
FILLETS, FRESH AND FROZEN	DO	120,500	122,450	(1)	(1)
CANNED CAVIAR	STANDARD CASES	(1)	(1)	-	-
SMOKED.	POUNDS	123,800	102,590	(1)	(1)
WHITING, SMOKED	DO	(1)	(1)	-	-
YELLOW PERCH FILLETS, FRESH AND FROZEN:					
RAW.	DO	814,505	993,897	-	-
BREADED, RAW AND COOKED.	DO	(1)	(1)	-	-
YELLOW PIKE:					
DRESSED, FROZEN	DO	(1)	(1)	-	-
FILLETS, FRESH AND FROZEN	DO	93,700	138,325	(1)	(1)
LOBSTERS:					
AMERICAN (NORTHERN), SPECIALTIES, FROZEN, BREADED RAW.	DO	(1)	(1)	-	-
SPINY TAILS, RAW FROZEN	DO	(1)	(1)	-	-
SHRIMP, FRESH AND FROZEN:					
COOKED AND PEELED	DO	(1)	(1)	-	-
BREADED RAW	DO	65,334	88,291	-	-
SCALLOPS, SEA, BREADED RAW, FROZEN.	DO	48,895	66,477	-	-
FROG LEGS, BREADED RAW, FROZEN. . .	DO	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED, FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH. . . .	DO	1,506,645	1,104,023	147,913	117,697
CANNED.	STANDARD CASES	(2)	(2)	-	-
CURED	POUNDS	919,000	598,168	1,961,034	662,436
INDUSTRIAL.	-	-	(2)	-	-
TOTAL	-	-	4,293,216	-	780,133

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH UNCLASSIFIED PACKAGED FRESH AND FROZEN FISH AND SHELLFISH.

NOTE:-- SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE LANDINGS WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

GREAT LAKES FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1971

ITEM	THOUSAND DOLLARS
PACKAGED:	
FRESH	5,371
FROZEN	24,933
CANNED AND INDUSTRIAL	443
CURED	11,748
TOTAL	42,495

VALUE OF PROCESSED PRODUCTS, BY STATES, 1971

STATE	THOUSAND DOLLARS
NEW YORK	1,238
PENNSYLVANIA	655
OHIO	[illegible]
ILLINOIS	[illegible]
MICHIGAN	[illegible]
MINNESOTA	4,293
WISCONSIN	[illegible]
TOTAL	42,495

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971

STATE	PROCESSING			WHOLESALE			TOTAL		
	PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR		SEASON	YEAR		SEASON	YEAR
	NUMBER								
NEW YORK	8	98	88	13	95	88	21	193	176
PENNSYLVANIA	3	22	17	3	3	3	6	25	20
OHIO	17	529	471	11	23	19	28	552	490
ILLINOIS	14	580	516	26	309	295	40	889	811
INDIANA	-	-	-	3	16	15	3	16	15
MICHIGAN	25	290	233	24	115	109	49	405	342
MINNESOTA	3	104	41	4	8	6	7	112	47
WISCONSIN	27	300	275	10	61	49	37	361	324
TOTAL	97	1,923	1,641	94	630	584	191	2,553	2,225

NOTE:--EMPLOYMENT IS REPORTED BY EACH PLANT FOR EACH MONTH FOR THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF THE MONTH. EMPLOYMENT FOR THE SEASON IS BASED ON THE GREATEST NUMBER OF EMPLOYEES WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH. EMPLOYMENT FOR THE YEAR IS OBTAINED BY ADDING THE NUMBER OF EMPLOYEES RECORDED AS WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH, FOR THE YEAR, AND DIVIDING BY 12.

GREAT LAKES FISHERIES

LAKE ONTARIO - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	TRAP NETS	FYKE AND HOOP NETS	GILL NETS		
				1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH
	-NUMBER-					
FISHERMEN:						
ON VESSELS, CASUAL. . . .	-	-	-	2	2	2
ON BOATS AND SHORE:						
PART-TIME	-	4	2	-	-	-
CASUAL.	4	24	12	-	2	1
TOTAL FISHERMEN . . .	4	28	14	2	4	3
VESSELS, MOTOR, CASUAL. . .	-	-	-	1	1	1
TOTAL VESSELS	-	-	-	1	1	1
TOTAL GROSS TONNAGE .	-	-	-	10	10	10
BOATS:						
MOTOR:						
PART-TIME	-	2	1	-	-	-
CASUAL.	2	12	6	-	2	1
TOTAL MOTOR BOATS . .	2	14	7	-	2	1
OTHER, CASUAL	2	-	-	-	-	-
DAYS OPERATED:						
FISHERMEN:						
ON VESSELS.	-	-	-	24	8	280
ON BOATS AND SHORE. . .	36	644	235	-	22	25
TOTAL FISHERMEN DAYS.	36	644	235	24	30	305
CRAFT:						
VESSELS	-	-	-	12	4	140
BOATS, MOTOR.	18	443	176	-	22	25
TOTAL CRAFT DAYS. . .	18	443	176	12	26	165
FISHING EFFORT:						
LIFTS	-	2,139	395	-	-	-
LIFTS PER 1,000 LINEAR YARDS.	4	-	-	10	25	204

SEE NOTE ON PAGE 293.

LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	TRAP NETS	FYKE AND HOOP NETS	GILL NETS			LINES
				1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	LONG OR SET WITH HOOKS
	-NUMBER-						
FISHERMEN:							
ON VESSELS:							
REGULAR	-	-	-	-	3	-	-
PART-TIME	-	2	-	-	18	-	-
CASUAL.	-	14	-	-	12	4	-
ON BOATS AND SHORE:							
REGULAR	-	-	-	-	9	-	-
PART-TIME	25	12	-	-	21	-	30
CASUAL.	91	51	4	1	49	18	150
TOTAL FISHERMEN . . .	116	79	4	1	112	22	180
VESSELS, MOTOR:							
REGULAR	-	-	-	-	1	-	-
PART-TIME	-	1	-	-	9	-	-
CASUAL.	-	7	-	-	6	2	-
TOTAL VESSELS	-	8	-	-	16	2	-
TOTAL GROSS TONNAGE .	-	102	-	-	202	28	-

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1971 - Continued

ITEM	HAUL SEINES, COMMON	TRAP NETS	FYKE AND HOOP NETS	GILL NETS			LINES
				1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	LONG OR SET WITH HOOKS
	-NUMBER-						
BOATS:							
MOTOR:							
REGULAR	-	-	-	-	3	-	-
PART-TIME	9	6	-	-	10	-	15
CASUAL	43	25	2	1	40	12	135
TOTAL MOTOR BOATS	52	31	2	1	53	12	150
OTHER:							
PART-TIME	9	-	-	-	-	-	-
CASUAL	43	-	-	-	-	-	-
TOTAL OTHER BOATS	52	-	-	-	-	-	-
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS	-	476	-	-	2,741	114	-
ON BOATS AND SHORE	3,291	2,145	22	5	4,948	232	5,344
TOTAL FISHERMEN DAYS	3,291	2,621	22	5	7,689	346	5,344
CRAFT:							
VESSELS	-	238	-	-	1,265	57	-
BOATS, MOTOR	1,425	1,065	18	5	2,367	136	3,738
TOTAL CRAFT DAYS	1,425	1,303	18	5	3,632	193	3,738
FISHING EFFORT:							
LIFTS	-	11,562	96	-	-	-	-
LIFTS PER 1,000 LINEAR YARDS	1,807	-	-	1	9,818	386	-
LIFTS PER 1,000 HOOKS	-	-	-	-	-	-	1,654

SEE NOTE ON PAGE 293.

LAKE HURON - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	-NUMBER-			
FISHERMEN:				
ON VESSELS:				
PART-TIME	-	-	14	-
CASUAL	-	-	4	-
ON BOATS AND SHORE:				
PART-TIME	3	-	15	-
CASUAL	27	[illegible]	33	2
TOTAL FISHERMEN	30	2	66	[illegible]
VESSELS, MOTOR:				
PART-TIME	-	-	[illegible]	-
CASUAL	-	-	[illegible]	-
TOTAL VESSELS	-	-	7	-
TOTAL GROSS TONNAGE	-	-	[illegible]	-

SEE NOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LAKE HURON - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1971 - Continued

ITEM	HAUL SEINES, COMMON	POUNDS NETS	TRAP NETS	FYKE AND HOOP NETS
	-NUMBER-			
BOATS:				
MOTOR:				
PART-TIME	1	-	7	-
CASUAL.	11	1	15	1
TOTAL MOTOR BOATS . .	12	1	22	1
OTHER:				
PART-TIME	1	-	-	-
CASUAL.	11	-	-	-
TOTAL OTHER BOATS. . .	12	-	-	-
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS.	-	-	1,140	-
ON BOATS AND SHORE. . .	975	94	2,208	82
TOTAL FISHERMEN DAYS .	975	94	3,348	82
CRAFT:				
VESSELS	-	-	570	-
BOATS, MOTOR.	373	47	1,016	41
TOTAL CRAFT DAYS . . .	373	47	1,586	41
FISHING EFFORT:				
LIFTS	-	143	7,457	82
LIFTS PER 1,000 LINEAR YARDS.	280	-	-	-

ITEM	GILL NETS			LINES
	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	LONG OR SET WITH HOOKS
	-NUMBER-			
FISHERMEN:				
ON VESSELS:				
PART-TIME	6	-	-	-
CASUAL.	4	4	4	-
ON BOATS AND SHORE:				
REGULAR	3	-	-	-
PART-TIME	8	-	24	21
CASUAL.	10	-	9	7
TOTAL FISHERMEN . . .	31	4	37	28
VESSELS, MOTOR:				
PART-TIME	3	-	-	-
CASUAL.	2	2	2	-
TOTAL VESSELS	5	2	2	-
TOTAL GROSS TONNAGE .	70	16	23	-
BOATS:				
MOTOR:				
REGULAR	1	-	-	-
PART-TIME	3	-	10	10
CASUAL.	5	-	4	4
TOTAL MOTOR BOATS . .	9	-	14	14
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS.	652	38	78	-
ON BOATS AND SHORE. . .	1,789	-	2,660	2,137
TOTAL FISHERMEN DAYS.	2,441	38	2,738	2,137
CRAFT:				
VESSELS	326	19	38	-
BOATS, MOTOR.	661	-	1,096	1,047
TOTAL CRAFT DAYS. . .	987	19	1,134	1,047
FISHING EFFORT:				
LIFTS PER 1,000 LINEAR YARDS.	1,198	25	1,215	-
LIFTS PER 1,000 HOOKS . .	-	-	-	902

SEE NOTE ON PAGE 293.

LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	-NUMBER-				
FISHERMEN:					
ON VESSELS:					
PART-TIME	-	14		[illegible]	2
CASUAL.	-	8	16	[illegible]	-
ON BOATS AND SHORE:					
PART-TIME	6	-	[illegible]	-	14
CASUAL.	14	-	64	16	[illegible]
TOTAL FISHERMEN . . .	20	22	[illegible]	[illegible]	[illegible]
VESSELS, MOTOR:					
PART-TIME	-	[illegible]	3	[illegible]	[illegible]
CASUAL.	-	4	[illegible]	4	-
TOTAL VESSELS	-	11	11	10	1
TOTAL GROSS TONNAGE .	-	[illegible]	155	[illegible]	9
BOATS:					
MOTOR:					
PART-TIME	3	-	5	-	-
CASUAL.	7	-	34	8	21
TOTAL MOTOR BOATS . .	10	-	39	[illegible]	[illegible]
OTHER:					
PART-TIME	3	-	-	-	-
CASUAL.	-	-	-	-	-
TOTAL OTHER BOATS . .	10	-	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	-	1,636	904	1,538	110
ON BOATS AND SHORE. . .	514	-	2,667	390	2,020
TOTAL FISHERMEN DAYS.	514	1,636	3,571	1,928	2,130
CRAFT:					
VESSELS	-	818	425	769	55
BOATS, MOTOR.	257	-	1,371	195	1,040
TOTAL CRAFT DAYS. . .	257	818	1,796	964	1,095
FISHING EFFORT:					
LIFTS	-	-	4,721	2,390	9,560
LIFTS PER 1,000 LINEAR YARDS.	166	-	-	-	-
HOURS TRAWLED	-	4,045	-	-	-

ITEM	GILL NETS				DIP NETS
	1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	
	-NUMBER-				
FISHERMEN:					
ON VESSELS:					
REGULAR	-	36	6	-	-
PART-TIME	-	81	68	-	-
CASUAL.	19	82	43	-	-
ON BOATS AND SHORE:					
REGULAR	-	3	-	-	-
PART-TIME	2	41	5	4	-
CASUAL.	31	132	57	11	2
TOTAL FISHERMEN . . .	52	375	179	15	2
VESSELS, MOTOR:					
REGULAR	-	12	2	-	-
PART-TIME	-	39	31	-	-
CASUAL.	9	40	21	-	-
TOTAL VESSELS	9	91	54	-	-
TOTAL GROSS TONNAGE .	159	2,347	1,282	-	-

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1971 - Continued

ITEM	GILL NETS				DIF NETS
	1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	
	-NUMBER-				
BOATS:					
MOTOR:					
REGULAR	-	1	-	-	-
PART-TIME	1	20	2	-	-
CASUAL.	19	108	32	2	-
TOTAL MOTOR BOATS . .	20	129	34	2	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	222	17,063	8,559	-	-
ON BOATS AND SHORE. . .	652	5,860	1,429	419	-
TOTAL FISHERMEN DAYS.	874	22,923	9,988	419	-
CRAFT:					
VESSELS	108	7,195	3,730	-	-
BOATS, MOTOR.	437	3,490	854	290	4
TOTAL CRAFT DAYS. . .	545	10,685	4,584	290	4
FISHING EFFORT, LIFTS PER 1,000 LINEAR YARDS	394	26,043	17,265	234	-
DAYS FISHED	-	-	-	-	4

SEE NOTE ON PAGE 293.

LAKE SUPERIOR - OPERATING UNITS

OPERATING UNITS AND FISHING EFFORT BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS
	-NUMBER-			
FISHERMEN:				
ON VESSELS:				
PART-TIME	-	-	2	4
CASUAL.	-	-	2	8
ON BOATS AND SHORE:				
PART-TIME	-	-	4	-
CASUAL.	2	2	23	6
TOTAL FISHERMEN . . .	2	2	31	18
VESSELS, MOTOR:				
PART-TIME	-	-	1	2
CASUAL.	-	-	1	4
TOTAL VESSELS	-	-	2	6
TOTAL GROSS TONNAGE .	-	-	30	86
BOATS:				
MOTOR:				
PART-TIME	-	-	2	-
CASUAL.	- 1	1	12	3
TOTAL MOTOR BOATS . .	1	1	14	3
OTHER, CASUAL	1	-	-	-
TOTAL OTHER BOATS . .	1	-	-	-
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS.	-	-	186	380
ON BOATS AND SHORE. . .	10	9	466	90
TOTAL FISHERMEN DAYS	10	9	652	470
CRAFT:				
VESSELS	-	-	93	190
BOATS, MOTOR.	5	9	258	45
TOTAL CRAFT DAYS. . .	5	9	351	235

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LAKE SUPERIOR - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1971 - Continued

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS
	NUMBER			
FISHING EFFORT:				
LIFTS	-	-	1,339	961
LIFTS PER 1,000 LINEAR YARDS.	1	-	-	-
HOURS TRAWLED	-	72	-	-

ITEM	GILL NETS			
	1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH
	NUMBER			
FISHERMEN:				
ON VESSELS:				
REGULAR	-	6	-	-
PART-TIME	6	49	13	-
CASUAL.	21	36	53	-
ON BOATS AND SHORE:				
REGULAR	-	3	-	-
PART-TIME	-	34	10	-
CASUAL.	11	79	41	6
TOTAL FISHERMEN . . .	38	207	117	6
VESSELS, MOTOR:				
REGULAR	-	2	-	-
PART-TIME	2	22	5	-
CASUAL.	10	18	25	-
TOTAL VESSELS	12	42	30	-
TOTAL GROSS TONNAGE .	211	[illegible]	[illegible]	-
BOATS:				
MOTOR:				
REGULAR	-	1	-	-
PART-TIME	-	17	5	-
CASUAL.	4	65	29	3
TOTAL MOTOR BOATS . .	4	83	34	3
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS.	971	6,797	2,254	-
ON BOATS AND SHORE. . .	359	4,619	1,840	80
TOTAL FISHERMEN DAYS.	1,330	11,416	4,094	80
CRAFT:				
VESSELS	425	2,989	1,008	-
BOATS, MOTOR.	322	2,668	1,102	40
TOTAL CRAFT DAYS. . .	747	5,657	2,110	40
FISHING EFFORT, LIFTS PER 1,000 LINEAR YARDS	264	10,661	3,985	26

SEE NOTE ON PAGE 293.

LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE

OPERATING UNITS AND FISHING EFFORT BY GEAR, 1971

ITEM	POUND NETS	FYKE AND HOOP NETS	GILL NETS 4 - 7 INCH MESH
	NUMBER		
FIHERMEN:			
ON VESSELS, PART-TIME . .	2	-	-
ON BOATS AND SHORE:			
REGULAR	-	-	3
PART-TIME	2	-	30
CASUAL.	-	2	5
TOTAL FISHERMEN . . .	4	2	38
VESSELS, MOTOR, PART-TIME .	1	-	-
TOTAL VESSELS	1	-	-
TOTAL GROSS TONNAGE .	16	-	-
BOATS:			
MOTOR:			
REGULAR	-	-	1
PART-TIME	1	-	15
CASUAL.	-	1	5
TOTAL MOTOR BOATS . .	1	1	21
DAYS OPERATED:			
FISHERMEN:			
ON VESSELS.	134	-	-
ON BOATS AND SHORE. . .	150	52	3,922
TOTAL FISHERMEN DAYS.	284	52	3,922
CRAFT:			
VESSELS	67	-	-
BOATS, MOTOR.	75	10	1,941
TOTAL CRAFT DAYS. . .	142	10	1,941
FISHING EFFORT:			
LIFTS	510	26	-
LIFTS PER 1,000 LINEAR YARDS.	-	-	1,853

SEE NOTE ON PAGE 293.

CATFISH

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1971

SPECIES	LAKE ONTARIO					
	NEW YORK					
	HAUL SEINES, COMMON		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	(1)	4	-	-
BOWFIN	-	-	300	5	-	-
BULLHEADS	700	198	45,600	16,505	6,100	2,058
CARP	54,300	3,180	3,100	256	-	-
CATFISH	-	-	1,400	324	-	-
CRAPPIE	-	-	4,700	1,451	1,000	314
EEL, COMMON	-	-	37,400	9,149	700	176
ROCK BASS	-	-	4,400	903	-	-
SHEEPSHEAD	-	-	300	33	100	40
SUCKERS	-	-	1,900	238	(1)	(1)
SUNFISH	-	-	10,700	2,240	1,100	188
WHITE BASS	-	-	-	-	200	30
WHITE PERCH	500	101	7,100	1,293	400	74
YELLOW PERCH	-	-	3,700	474	400	41
YELLOW PIKE	-	-	300	103	-	-
TOTAL	55,500	3,479	120,900	32,978	10,000	2,921

SPECIES	LAKE ONTARIO - CONTINUED					
	NEW YORK - CONTINUED					
	GILL NETS					
	1-1/8 - 2 INCH MESH		2-1/8 -3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BULLHEADS	-	-	-	-	600	116
CATFISH	-	-	-	-	1,300	324
LAKE HERRING	-	-	(1)	1	400	135
ROCK BASS	-	-	700	66	9,800	2,442
SMELT	2,300	678	-	-	500	155
SUCKERS	-	-	500	7	-	-
SUNFISH	-	-	-	-	500	111
WHITEFISH, COMMON	-	-	-	-	400	262
WHITE PERCH	-	-	1,900	383	73,600	23,395
YELLOW PERCH	-	-	3,000	715	23,700	6,616
YELLOW PIKE	-	-	(1)	10	-	-
TOTAL	2,300	678	6,100	1,182	110,800	33,556

SPECIES	LAKE ONTARIO - CONTINUED		LAKE ERIE			
	NEW YORK - CONTINUED		NEW YORK			
	TOTAL		GILL NETS			
			2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	(1)	4	-	-	-	-
BOWFIN	300	5	-	-	-	-
BULLHEADS	53,000	18,877	200	2	-	-
BURBOT	-	-	-	-	(1)	(1)
CARP	57,400	3,436	300	2	100	2
CATFISH	2,700	648	(1)	6	500	123
CRAPPIE	5,700	1,765	-	-	-	-
EEL, COMMON	38,100	9,325	-	-	-	-
LAKE HERRING	400	136	-	-	-	-
ROCK BASS	14,900	3,411	(1)	(1)	-	-
SHEEPSHEAD	400	73	3,300	32	5,800	70
SMELT	2,800	833	200	1	(1)	(1)
SUCKERS	2,400	245	2,800	29	2,600	62
SUNFISH	12,300	2,539	-	-	-	-
WHITE BASS	200	30	7,900	2,191	3,000	797
WHITEFISH, COMMON	400	262	-	-	-	-
WHITE PERCH	83,500	25,246	-	-	-	-
YELLOW PERCH	30,800	7,846	102,300	31,425	3,200	973
YELLOW PIKE	300	113	6,000	3,711	43,200	25,771
TOTAL	305,600	74,794	123,000	37,399	58,400	27,798

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1971 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	NEW YORK - CONTINUED		PENNSYLVANIA			
	TOTAL		GILL NETS			
			2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUE PIKE	-	-	(1)	10	(1)	3
BULLHEADS	200	2	(1)	1	-	-
BURBOT	(1)	(1)	(1)	(1)	-	-
CARP	400	4	100	1	100	2
CATFISH	500	129	100	33	100	21
ROCK BASS	(1)	(1)	-	-	-	-
SAUGER	-	-	(1)	1	-	-
SHEEPSHEAD	9,100	102	3,500	74	1,100	30
SMELT	200	1	1,300	109	-	-
SUCKERS	5,400	91	700	16	2,700	54
WHITE BASS	10,900	2,988	8,900	1,258	2,700	486
WHITEFISH, COMMON	-	-	100	65	-	-
YELLOW PERCH	105,500	32,398	349,300	100,435	300	104
YELLOW PIKE	49,200	29,482	2,600	1,300	3,200	1,582
TOTAL	181,400	65,197	366,600	103,303	10,200	2,282

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA - CONTINUED		OHIO			
	TOTAL		HAUL SEINES, COMMON		TRAP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUE PIKE	(1)	13	-	-	-	-
BUFFALOFISH	-	-	6,700	1,069	5,000	805
BULLHEADS	(1)	1	23,300	3,962	12,700	2,159
BURBOT	(1)	(1)	-	-	-	-
CARP	200	3	3,182,300	159,119	78,100	3,903
CATFISH	200	54	257,300	110,629	213,100	91,658
GOLDFISH	-	-	79,600	3,978	(1)	(1)
QUILLBACK	-	-	3,900	157	24,100	963
SAUGER	(1)	1	-	-	-	-
SHEEPSHEAD	4,600	104	459,100	32,141	359,900	25,190
SMELT	1,300	109	400	31	100	11
SUCKERS	3,400	70	42,200	2,529	77,500	4,652
WHITE BASS	11,600	1,744	269,300	61,934	634,300	145,884
WHITEFISH, COMMON	100	65	-	-	-	-
YELLOW PERCH	349,600	100,539	43,800	13,576	937,700	290,699
YELLOW PIKE	5,800	2,882	-	-	-	-
TOTAL	376,800	105,585	4,367,900	389,125	2,342,500	565,924

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED					
	FYKE AND HOOP NETS		GILL NETS			
			1-1/8 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	100	12	-	-	100	16
BULLHEADS	(1)	5	-	-	(1)	1
CARP	(1)	1	-	-	200	7
CATFISH	200	82	-	-	400	156
QUILLBACK	-	-	-	-	100	3
SHEEPSHEAD	600	42	-	-	4,900	344
SMELT	-	-	-	-	200	16
SUCKERS	400	24	-	-	400	24
WHITE BASS	6,700	1,537	-	-	18,600	4,284
YELLOW PERCH	1,900	577	200	70	1,205,200	373,628
TOTAL	9,900	2,280	200	70	1,230,100	378,479

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1971 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED				MICHIGAN	
	LINES, LONG OR SET WITH HOOKS		TOTAL		HAUL SEINES, COMMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	300	46	12,200	1,948	-	-
BULLHEADS	400	73	36,400	6,200	8,700	1,543
CARP	1,600	81	3,262,200	163,111	115,000	10,916
CATFISH	156,100	67,116	627,100	269,641	-	-
GOLDFISH	(1)	1	79,600	3,979	-	-
QUILLBACK	-	-	28,100	1,123	-	-
SHEEPSHEAD	1,700	118	826,200	57,835	-	-
SMELT	-	-	700	58	-	-
SUCKERS	-	-	120,500	7,229	-	-
WHITE BASS	(1)	6	928,900	213,645	-	-
YELLOW PERCH	100	24	2,188,900	678,574	-	-
TOTAL	160,200	67,465	8,110,800	1,403,343	123,700	12,459

SPECIES	LAKE ERIE - CONTINUED				LAKE HURON	
	MICHIGAN - CONTINUED				MICHIGAN	
	TRAP NETS		TOTAL		HAUL SEINES, COMMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	400	90	400	90	-	-
BULLHEADS	-	-	8,700	1,543	3,200	482
CARP	-	-	115,000	10,916	336,500	19,185
CATFISH	-	-	-	-	56,500	18,502
CRAPPIE	-	-	-	-	1,600	614
SHEEPSHEAD	(1)	(1)	(1)	(1)	-	-
SUCKERS	-	-	-	-	1,200	46
WHITE BASS	48,300	13,952	48,300	13,952	-	-
YELLOW PERCH	400	69	400	69	1,900	442
TOTAL	49,100	14,111	172,800	26,570	400,900	39,271

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	200	8	-	-
BOWFIN	-	-	200	5	-	-
BULLHEADS	-	-	40,400	5,126	800	185
BURBOT	-	-	100	1	-	-
CARP	-	-	169,900	8,351	-	-
CATFISH	-	-	229,500	69,952	1,000	350
CRAPPIE	-	-	47,300	19,990	-	-
GIZZARD SHAD	-	-	100	1	-	-
LAKE HERRING	-	-	(1)	(1)	-	-
QUILLBACK	-	-	19,600	752	-	-
ROCK BASS	-	-	900	163	-	-
SHEEPSHEAD	-	-	8,600	575	200	54
SMELT	-	-	700	66	-	-
SUCKERS	-	-	122,200	10,389	(1)	10
WHITE BASS	-	-	600	280	-	-
WHITEFISH:						
COMMON	11,400	4,546	191,300	92,601	-	-
MENOMINEE	-	-	100	7	-	-
YELLOW PERCH	-	-	188,500	54,632	2,600	917
YELLOW PIKE	-	-	(1)	4	-	-
TOTAL	11,400	4,546	1,020,200	262,903	4,600	1,516

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BULLHEADS	300	20	-	-	-	-
CARP	200	11	26,000	2,596	854,700	53,520
CATFISH	1,400	336	-	-	(1)	2
CRAPPIE	(1)	1	-	-	-	-
GIZZARD SHAD	-	-	-	-	300	32

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1971 - Continued

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
QUILLBACK	-	-	-	-	1,600	68
SUCKERS	2,800	27	-	-	7,300	291
WHITEFISH, MENOMINEE	1,400	289	-	-	-	-
YELLOW PERCH	403,700	111,428	-	-	600	182
TOTAL	409,800	112,112	26,000	2,596	864,500	54,095

SPECIES	LAKE HURON - CONTINUED				LAKE MICHIGAN	
	MICHIGAN - CONTINUED				MICHIGAN	
	LINES, LONG OR SET WITH HOOKS		TOTAL		OTTER TRAWLS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	200	8	423,100	7,662
BOWFIN	-	-	200	5	-	-
BULLHEADS	(1)	2	44,700	5,815	-	-
BURBOT	-	-	100	1	200	2
CARP	300	8	1,387,600	83,671	-	-
CATFISH	76,900	20,142	365,300	109,284	-	-
CHUBS	-	-	-	-	300	23
CRAPPIE	-	-	48,900	20,605	-	-
GIZZARD SHAD	-	-	400	33	-	-
LAKE HERRING	-	-	(1)	(1)	-	-
QUILLBACK	-	-	21,200	820	-	-
ROCK BASS	-	-	900	163	-	-
SHEEPSHEAD	100	1	8,900	630	-	-
SMELT	-	-	700	66	6,000	99
SUCKERS	-	-	133,500	10,763	-	-
WHITE BASS	-	-	600	280	-	-
WHITEFISH:						
COMMON	-	-	202,700	97,147	2,500	1,599
MENOMINEE	-	-	1,500	296	-	-
YELLOW PERCH	-	-	597,300	167,601	(1)	2
YELLOW PIKE	-	-	(1)	4	-	-
TOTAL	77,300	20,153	2,814,700	497,192	432,100	9,387

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	POUND NETS		TRAP NETS		GILL NETS	
					1-1/8 - 2 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	3,466,100	34,664	-	-	-	-
BURBOT	17,300	181	200	1	100	1
CARP	1,100	50	100	6	-	-
CRAPPIE	(1)	(1)	-	-	-	-
SHEEPSHEAD	-	-	(1)	(1)	-	-
SMELT	1,055,100	16,267	(1)	(1)	13,500	3,637
SUCKERS	303,700	6,247	27,600	661	-	-
WHITEFISH:						
COMMON	281,500	115,078	701,900	316,131	-	-
MENOMINEE	100	7	1,000	218	(1)	6
YELLOW PERCH	(1)	1	-	-	-	-
TOTAL	5,124,900	172,495	730,800	317,017	13,600	3,644

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	5,400	56	700	7	3,895,300	42,389
BURBOT	(1)	(1)	81,100	895	98,900	1,080

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1971 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP	(1)	(1)	100	4	1,300	60
CATFISH	(1)	(1)	-	-	(1)	(1)
CHUBS	2,001,500	383,441	-	-	2,001,800	383,464
CRAPPIE	-	-	-	-	(1)	(1)
LAKE HERRING	(1)	(1)	(1)	2	(1)	2
LAKE TROUT	4,800	2,844	39,400	19,993	44,200	22,837
SAUGER	(1)	1	-	-	(1)	1
SHEEPSHEAD	-	-	-	-	(1)	(1)
SMELT	1,100	33	8,800	513	1,084,500	20,549
SUCKERS	24,800	525	69,200	1,149	425,300	8,582
WHITEFISH:						
COMMON	2,500	997	1,401,100	675,064	2,389,500	1,108,869
MENOMINEE	166,300	33,766	4,800	896	172,200	34,893
YELLOW PERCH	(1)	(1)	-	-	(1)	3
TOTAL	2,206,400	421,663	1,605,200	698,523	10,113,000	1,622,729

SPECIES	LAKE MICHIGAN - CONTINUED					
	INDIANA					
	HAUL SEINES, COMMON		GILL NETS			
			1-1/8 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	-	-	112,700	445
BURBOT	-	-	-	-	(1)	4
CARP	(1)	(1)	-	-	-	-
CATFISH	-	-	(1)	3	100	45
CHUBS	-	-	-	-	28,500	5,195
LAKE HERRING	-	-	-	-	3,200	352
LAKE TROUT	(1)	1	100	81	20,300	10,903
PIKE OR PICKEREL	-	-	(1)	(1)	100	95
ROCK BASS	-	-	-	-	(1)	(1)
SALMON, SILVER OR COHO	(1)	13	-	-	5,100	2,682
SMELT	200	6	-	-	43,400	4,326
SUCKERS	-	-	100	(1)	89,000	3,375
WHITEFISH, COMMON	-	-	-	-	1,400	804
YELLOW PERCH	-	-	3,500	1,080	330,400	96,164
TOTAL	200	20	3,700	1,164	634,200	124,390

SPECIES	LAKE MICHIGAN - CONTINUED					
	INDIANA - CONTINUED				ILLINOIS	
	GILL NETS - CONTINUED		TOTAL		GILL NETS	
	4 - 7 INCH MESH				1-1/8 - 2 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	200	(1)	112,900	445	(1)	(1)
BURBOT	-	-	(1)	4	-	-
CARP	-	-	(1)	(1)	-	-
CATFISH	-	-	100	48	-	-
CHUBS	-	-	28,500	5,195	(1)	1
LAKE HERRING	-	-	3,200	352	(1)	(1)
LAKE TROUT	5,300	2,539	25,700	13,524	(1)	7
PIKE OR PICKEREL	-	-	100	95	-	-
ROCK BASS	-	-	(1)	(1)	-	-
SALMON, SILVER OR COHO	-	-	5,100	2,695	-	-
SMELT	-	-	43,600	4,332	-	-
SUCKERS	119,900	5,053	209,000	8,428	(1)	(1)
WHITEFISH, COMMON	21,200	10,927	22,600	11,731	-	-
YELLOW PERCH	-	-	333,900	97,244	1,500	389
TOTAL	146,600	18,519	784,700	144,093	1,500	397

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1971 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS - CONTINUED				WISCONSIN	
	GILL NETS - CONTINUED		TOTAL		HAUL SEINES, COMMON	
	2-1/8 - 3-7/8 INCH MESH					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	2,700	25	2,700	25	-	-
BURBOT	(1)	(1)	(1)	(1)	-	-
CARP	(1)	1	(1)	1	2,073,800	67,335
CHUBS	544,700	134,651	544,700	134,652	-	-
LAKE HERRING	100	10	100	10	-	-
LAKE TROUT	500	225	500	232	-	-
SALMON, SILVER OR COHO	(1)	11	(1)	11	-	-
SMELT	1,900	232	1,900	232	-	-
SUCKERS	100	1	100	1	1,300	19
WHITEFISH, COMMON	(1)	5	(1)	5	-	-
YELLOW PERCH	104,400	28,740	105,900	29,129	-	-
TOTAL	654,400	163,901	655,900	164,298	2,075,100	67,354

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	OTTER TRAWLS		POUND NETS		FYKE AND HOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	15,348,800	159,781	9,962,000	99,327	18,200	168
BULLHEADS	-	-	-	-	23,200	2,146
BURBOT	(1)	(1)	700	13	29,700	1,694
CARP	15,000	401	500	5	24,800	314
CATFISH	-	-	-	-	100	8
CHUBS	200	2	-	-	-	-
LAKE HERRING	-	-	400	81	-	-
LAKE TROUT	(1)	2	(1)	9	-	-
PIKE OR PICKEREL	-	-	-	-	23,400	2,634
SMELT	1,000	50	190,200	6,241	-	-
SUCKERS	42,300	622	461,700	9,473	118,500	1,820
WHITEFISH, COMMON	(1)	12	130,000	62,910	-	-
YELLOW PERCH	(1)	6	800	280	145,100	48,767
YELLOW PIKE	(1)	1	(1)	6	8,900	4,671
TOTAL	15,407,300	160,877	10,746,300	178,345	391,900	62,222

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS					
	1-1/8 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	309,600	3,096	4,200	38	-	-
BULLHEADS	-	-	100	7	-	-
BURBOT	-	-	3,600	114	16,000	442
CARP	-	-	600	12	2,400	86
CHUBS	-	-	3,137,800	670,670	-	-
LAKE HERRING	-	-	2,400	783	3,100	605
LAKE TROUT	-	-	600	327	2,300	1,102
PIKE OR PICKEREL	-	-	200	22	5,400	753
SALMON, SILVER OR COHO	-	-	(1)	9	-	-
SHEEPSHEAD	-	-	(1)	(1)	-	-
SMELT	19,900	3,204	1,200	151	1,200	118
SUCKERS	(1)	1	50,700	767	78,100	3,136
WHITE BASS	-	-	(1)	2	-	-
WHITEFISH:						
COMMON	(1)	2	100	32	352,200	201,493
MENOMINEE	-	-	6,700	2,547	(1)	4
YELLOW PERCH	100	28	159,400	57,400	500	179
YELLOW PIKE	-	-	100	35	900	444
TOTAL	329,600	6,331	3,367,700	732,916	462,100	208,362

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1971 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED				LAKE SUPERIOR	
	WISCONSIN - CONTINUED				MICHIGAN	
	GILL NETS - CONTINUED		TOTAL		POUND NETS	
	7-1/8 - 14 INCH MESH					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	25,642,800	262,410	-	-
BULLHEADS	-	-	23,300	2,153	-	-
BURBOT	-	-	50,000	2,263	-	-
CARP	346,100	11,787	2,463,200	79,940	-	-
CATFISH	-	-	100	8	-	-
CHUBS	-	-	3,138,000	670,672	-	-
LAKE HERRING	-	-	5,900	1,469	-	-
LAKE TROUT	-	-	2,900	1,440	(1)	9
PIKE OR PICKEREL	-	-	29,000	3,409	-	-
SALMON, SILVER OR COHO	-	-	(1)	9	-	-
SHEEPSHEAD	-	-	(1)	(1)	-	-
SMELT	-	-	213,500	9,764	-	-
SUCKERS	-	-	752,600	15,838	(1)	1
WHITE BASS	-	-	(1)	2	-	-
WHITEFISH:						
COMMON	-	-	482,300	264,449	4,800	2,233
MENOMINEE	-	-	6,700	2,551	-	-
YELLOW PERCH	-	-	305,900	106,660	-	-
YELLOW PIKE	-	-	9,900	5,157	-	-
TOTAL	346,100	11,787	33,126,100	1,428,194	4,800	2,243

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	TRAP NETS		GILL NETS			
			1-1/8 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	-	-	(1)	(1)
BURBOT	-	-	(1)	(1)	36,000	735
CHUBS	-	-	-	-	1,164,800	184,233
LAKE HERRING	-	-	(1)	(1)	726,600	114,856
LAKE TROUT	200	170	-	-	30,000	16,491
SMELT	-	-	3,100	1,501	200	24
SUCKERS	800	23	(1)	(1)	6,500	93
WHITEFISH:						
COMMON	120,000	78,858	-	-	1,600	908
MENOMINEE	-	-	100	26	200	36
YELLOW PERCH	-	-	(1)	1	(1)	(1)
TOTAL	121,000	79,051	3,200	1,528	1,965,900	317,376

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED				TOTAL	
	4 - 7 INCH MESH		7-1/8 - 14 INCH MESH			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	(1)	(1)	-	-	(1)	(1)
BURBOT	3,700	42	-	-	39,700	777
CARP	(1)	(1)	-	-	(1)	(1)
CHUBS	(1)	(1)	-	-	1,164,800	184,233
LAKE HERRING	1,300	193	-	-	727,900	115,049
LAKE TROUT	76,100	50,474	2,000	1,253	108,300	68,397
SMELT	600	42	-	-	3,900	1,567
SUCKERS	26,400	680	-	-	33,700	797
WHITEFISH:						
COMMON	286,400	144,529	500	251	413,300	226,779
MENOMINEE	100	17	-	-	400	79
YELLOW PERCH	(1)	4	-	-	(1)	5
YELLOW PIKE	(1)	8	-	-	(1)	8
TOTAL	394,600	195,989	2,500	1,504	2,492,000	597,691

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1971 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN					
	POUND NETS		TRAP NETS		GILL NETS 1-1/4 - 2 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BURBOT	(1)	(1)	(1)	1	(1)	1
CARP	100	4	-	-	-	-
LAKE HERRING	-	-	200	27	300	[illegible]
LAKE TROUT	800	570	(1)	18	-	-
SMELT	410,300	12,492	-	-	73,500	[illegible]
SUCKERS	2,700	77	3,100	103	-	-
WHITEFISH:						
COMMON	105,700	50,193	11,200	4,954	-	-
MENOMINEE	-	-	700	101	100	14
TOTAL	519,600	63,336	15,200	5,204	73,900	[illegible]

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS - CONTINUED				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	(1)	(1)	-	-	(1)	(1)
BURBOT	2,400	22	900	8	3,300	32
CARP	(1)	(1)	-	-	100	4
CHUBS	585,500	95,450	(1)	5	585,500	95,455
LAKE HERRING	281,300	31,447	400	48	282,200	31,580
LAKE TROUT	15,800	5,692	50,200	26,876	66,800	33,156
SALMON, SILVER OR COHO	(1)	14	-	-	(1)	14
SMELT	700	110	1,000	154	485,500	26,095
SUCKERS	1,000	17	6,500	193	13,300	390
WHITEFISH:						
COMMON	-	-	107,700	54,452	224,600	109,599
MENOMINEE	19,500	2,951	(1)	(1)	20,300	3,066
YELLOW PIKE	-	-	(1)	1	(1)	1
TOTAL	906,200	135,703	166,700	81,737	1,681,600	299,392

SPECIES	LAKE SUPERIOR - CONTINUED					
	MINNESOTA					
	OTTER TRAWLS		POUND NETS		GILL NETS 2-1/8 - 3-7/8 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BURBOT	-	-	-	-	300	(1)
CHUBS	600	71	-	-	59,400	7,127
LAKE HERRING	100	14	-	-	170,600	17,056
SMELT	200,500	6,013	1,541,000	46,230	-	-
SUCKERS	-	-	7,700	77	800	8
WHITEFISH, MENOMINEE	-	-	-	-	2,100	208
TOTAL	201,200	6,098	1,548,700	46,307	233,200	24,399

SPECIES	LAKE SUPERIOR - CONTINUED				LAKE OF THE WOODS	
	MINNESOTA - CONTINUED				MINNESOTA	
	GILL NETS - CONTINUED 4 - 7 INCH MESH		TOTAL		POUND NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BULLHEADS	-	-	-	-	(1)	(1)
BURBOT	-	-	300	(1)	81,600	2,857
CHUBS	-	-	60,000	7,198	-	-
LAKE HERRING	-	-	170,700	17,070	-	-
LAKE TROUT	21,200	13,806	21,200	13,806	-	-
PIKE OR PICKEREL	-	-	-	-	9,100	999
SAUGER	-	-	-	-	4,500	895
SMELT	-	-	1,741,500	52,243	-	-
SUCKERS	-	-	8,500	85	6,100	122

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1971 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED				LAKE OF THE WOODS	
	MINNESOTA - CONTINUED				MINNESOTA	
	GILL NETS - CONTINUED 4 - 7 INCH MESH		TOTAL		POUND NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
TULLIBEE.	-	-	-	-	109,600	3,837
WHITEFISH:						
COMMON.	3,800	1,883	3,800	1,883	(1)	2
MENOMINEE	-	-	2,100	208	-	-
YELLOW PERCH.	-	-	-	-	1,000	116
YELLOW PIKE	-	-	-	-	16,700	7,017
TOTAL	25,000	15,689	2,008,100	92,493	228,600	15,845

SPECIES	LAKE OF THE WOODS - CONTINUED					
	MINNESOTA - CONTINUED					
	FYKE AND HOOP NETS		GILL NETS, 2-1/8 - 3-7/8 INCH MESH		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BULLHEADS	100	8	200	10	300	18
BURBOT.	-	-	36,700	1,283	118,300	4,140
MOONEYE	-	-	(1)	(1)	(1)	(1)
PIKE OR PICKEREL.	200	21	54,100	5,955	63,400	6,975
QUILLBACK	-	-	(1)	(1)	(1)	(1)
SAUGER.	(1)	1	13,200	2,632	17,700	3,528
SUCKERS	100	1	83,300	1,666	89,500	1,789
TULLIBEE.	(1)	(1)	508,700	17,804	618,300	21,641
WHITEFISH, COMMON	-	-	100	32	100	34
YELLOW PERCH.	(1)	11	4,600	547	5,600	674
YELLOW PIKE	100	34	122,600	51,512	139,400	58,563
TOTAL	500	76	823,500	81,441	1,052,600	97,362

SPECIES	NAMAKAN LAKE		RAINY LAKE	
	MINNESOTA		MINNESOTA	
	GILL NETS, 4 - 7 INCH MESH		GILL NETS, 4 - 7 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BURBOT.	1,500	53	3,100	108
PIKE OR PICKEREL.	-	-	4,000	485
SUCKERS	2,700	54	6,500	129
TULLIBEE.	2,200	78	2,300	81
WHITEFISH, COMMON	6,500	1,931	5,700	1,436
YELLOW PERCH.	-	-	(1)	(1)
YELLOW PIKE	-	-	9,700	5,028
TOTAL	12,900	2,116	31,300	7,267

1/ LESS THAN 50 POUNDS OR 50 CENTS.

SUCKER

SECTION 9

MISSISSIPPI RIVER FISHERIES

Commercial landings of fish and shellfish from the waters of the Mississippi River and its tributaries were 71.4 million pounds worth $10.2 million--a decline of 3.4 million pounds but an increase of $288,000 compared with 1970. Landings declined principally because of a sharp decrease in the take of mussel shells (used in the preparation of aquarium shells and other novelties)--from 5.8 million pounds in 1970 to 809,000 in 1971. Smaller declines occurred in landings of carp, catfish and bullheads, shad, sheepshead, and suckers. Crawfish landings, however, increased from 1.8 million pounds in 1970 to 5.0 million in 1971.

Five items--buffalofish, carp, catfish and bullheads, sheepshead, and crawfish accounted for 89 percent of the volume and 88 percent of the value. The landings were made by 11,384 fishermen, using 10,514 motor boats and 276 other boats--a decrease of 2,535 fishermen and 2,586 motor boats, but a gain of 97 other boats compared with 1970.

Wisconsin led in volume with 10.6 million pounds, followed by Louisiana (10.4 million); Arkansas (9.4 million); and Minnesota (8.4 million pounds). Arkansas led in value of landings with $1,948,000, followed by Louisiana with $1,873,000.

The value of processed products was $30.4 million--$3.3 million more than in 1970. Frozen packaged fishery products valued at $20.9 million were 69 percent of the total, and canned and industrial fishery products ($5.6 million) were 18 percent. Cured fishery products and fresh packaged fishery products together accounted for the rest of the processed items. Missouri was the leading State with processed products valued at $9.8 million, followed by Wisconsin with $7.1 million. The two States together accounted for 56 percent of the total value of processed fishery products.

Beginning with the 1964 report, the Mississippi River section has included some data from river systems not connected with or draining into the Mississippi River or its tributaries. For example, salmon are reported from waters draining into the Pacific Ocean. Landings are also reported from river systems draining north into Hudson Bay and south into the Gulf of Mexico.

The following organizations helped collect the data appearing in this section: Alabama Department of Conservation, Division of Game and Fish; Arizona Game and Fish Department; Arkansas Game and Fish Commission, Division of Fisheries; Colorado Game, Fish and Parks Department; Idaho Fish and Game Department; Illinois Department of Conservation, Division of Fisheries; Indiana Department of Conservation, Division of Fish and Game, Section of Fish Management; Iowa State Conservation Commission, Division of Fish and Game; Kansas Forestry, Fish and Game Commission, Fisheries Division; Kentucky Department of Fish and Wildlife Resources; Louisiana Wild Life and Fisheries Commission; Minnesota Department of Conservation, Division of Game and Fish, Section of Fisheries; Mississippi Game and Fish Commission; Missouri Conservation Commission; Montana Department of Fish and Game, Fisheries Management; Nebraska Game, Forestation and Parks Commission, Fishery Division; New Mexico Department of Game and Fish; North Dakota Game and Fish Department, Fisheries Division; Oklahoma Department of Wildlife Conservation; Division of Fisheries, South Dakota Department of Game, Fish and Parks; Tennessee Game and Fish Commission, Fish Management Division; Texas Game and Fish Commission, Inland Fisheries; Utah State Fish and Game Department; Wisconsin Conservation Department, Fish Management Division; Wyoming Game and Fish Commission; and the Tennessee Vally Authority, Fish and Game Branch.

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1971

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALABAMA	3,364	544	1	(1)	3,365	544
ARKANSAS	9,384	1,938	44	10	9,428	1,948
IDAHO	1,329	317	-	-	1,329	317
ILLINOIS	4,880	568	5	2	4,885	570
INDIANA	119	29	-	-	119	29
IOWA	3,369	348	(1)	(1)	3,369	348
KANSAS	39	11	-	-	39	11
KENTUCKY	2,824	533	-	-	2,824	533
LOUISIANA	5,288	750	5,132	1,123	10,420	1,873
MINNESOTA	8,445	903	-	-	8,445	903
MISSISSIPPI	3,658	666	15	3	3,673	669
MISSOURI	773	148	-	-	773	148
MONTANA	705	110	-	-	705	110
NEBRASKA	174	12	-	-	174	12
NORTH DAKOTA	363	39	-	-	363	39
OHIO	-	-	500	28	500	28
OKLAHOMA	233	55	-	-	233	55
SOUTH DAKOTA	3,013	235	-	-	3,013	235
TENNESSEE	4,554	790	375	31	4,929	821
TEXAS	2,300	382	2	(1)	2,302	382
WISCONSIN	10,544	626	8	1	10,552	627
TOTAL	65,358	9,004	6,082	1,198	71,440	10,202

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF OPERATING UNITS, 1971

ITEM	ALABAMA	ARKANSAS	IDAHO	ILLINOIS	INDIANA	IOWA
	NUMBER					
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	136	389	4	83	1	112
CASUAL	187	2,501	741	229	63	353
TOTAL	323	2,890	745	312	64	465
BOATS:						
MOTOR	323	2,890	734	261	62	442
OTHER	-	-	-	21	-	31
GEAR:						
HAUL SEINES, COMMON	-	4	4	23	-	41
FYKE AND HOOP NETS, FISH	-	8,331	-	3,863	216	3,910
POTS AND TRAPS:						
FISH	-	-	-	-	-	3,618
WIRE BASKETS	550	-	-	1,319	-	-
GILL NETS, ANCHOR, SET, OR STAKE	773	1,265	-	42	-	580
TRAMMEL NETS	160	1,000	-	469	27	380
LINES:						
HAND	-	-	730	-	-	-
LONG OR SET WITH HOOKS	2,250	4,390	-	278	89	1,502
SNAG	610	176	-	-	-	-
DIP NETS, COMMON	8	12	-	-	-	-

ITEM	KANSAS	KENTUCKY	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI
	NUMBER					
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	-	96	366	151	177	53
CASUAL	11	449	1,240	594	871	402
TOTAL	11	545	1,606	745	1,048	455
BOATS:						
MOTOR	11	524	1,601	331	986	374
OTHER	-	-	-	63	3	82
GEAR:						
HAUL SEINES, COMMON	-	-	40	57	8	4
WEIRS	-	-	-	59	-	-
POUND NETS, FISH	-	-	-	6	-	-
TRAP NETS	-	-	-	6	-	-
FYKE AND HOOP NETS, FISH	63	820	29,290	2,758	4,824	1,466
POTS AND TRAPS:						
CRAWFISH	-	-	61,522	-	-	-
FISH	-	-	-	83	-	-
SHRIMP	-	-	155	-	-	-
TURTLE	-	-	65	-	-	-

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1971 - Continued

ITEM	KANSAS	KENTUCKY	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI
	NUMBER					
GEAR - CONTINUED:						
GILL NETS, ANCHOR, SET, OR STAKE	-	272	1,191	252	978	13
TRAMMEL NETS.	10	413	637	-	101	235
LINES:						
HAND.	-	-	47	-	-	-
LONG OR SET WITH HOOKS.	24	1,320	1,515	45	1,047	153
SNAG.	-	-	-	-	232	-
DIP NETS, COMMON.	-	33	175	-	-	-
FROG GRABS.	-	-	181	-	-	-

ITEM	MONTANA	NEBRASKA	NORTH DAKOTA	OHIO	OKLAHOMA
	NUMBER				
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	17	28	11	-	20
CASUAL.	3	123	-	40	26
TOTAL	20	151	11	40	46
BOATS:					
MOTOR	11	141	6	22	46
OTHER	3	1[illegible]	-	-	-
GEAR:					
HAUL SEINES, COMMON . . .	3	10	-	-	-
FYKE AND HOOP NETS, FISH.	30	365	125	-	-
POTS AND TRAPS, FISH. . .	-	237	-	-	-
GILL NETS, ANCHOR, SET, OR STAKE	57	-	10	-	180
TRAMMEL NETS.	46	105	-	-	25
CROWFOOT BARS	-	-	-	22	-

ITEM	SOUTH DAKOTA	TENNESSEE	TEXAS	WISCONSIN	TOTAL
	NUMBER				
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	12	209	88	149	2,102
CASUAL.	55	586	230	578	9,282
TOTAL	67	795	318	727	11,384
BOATS:					
MOTOR	15	775	276	537	10,368
OTHER	6	-	-	55	276
GEAR:					
HAUL SEINES, COMMON . . .	10	-	-	53	257
OTTER TRAWLS, FISH. . . .	-	-	-	1	1
WEIRS	-	-	-	3	62
POUND NETS, FISH.	-	-	-	-	6
TRAP NETS	-	-	-	99	105
FYKE AND HOOP NETS:					
FISH.	500	1,935	341	1,015	59,872
TURTLE.	-	200	-	-	200
POTS AND TRAPS:					
CRAWFISH.	-	-	-	-	61,522
FISH.	-	-	-	-	3,944
SHRIMP.	-	-	-	-	155
TURTLE.	-	-	-	-	65
WIRE BASKETS.	-	-	-	-	1,869
SLAT TRAPS.	-	-	-	932	932
GILL NETS, ANCHOR, SET, OR STAKE	120	181	1,048	113	7,075
TRAMMEL NETS.	-	1,127	113	4	4,852
LINES:					
HAND.	-	-	-	-	777
LONG OR SET WITH HOOKS.	-	4,050	551	321	17,535
SNAG.	-	722	-	-	1,740
ELECTRICAL DEVICES. . . .	-	-	-	2	2
DIP NETS, COMMON.	-	17	-	-	245
CROWFOOT BARS	-	-	-	-	22
FROG GRABS.	-	-	-	-	181
DIVING OUTFITS.	-	12	-	-	12

LANDINGS BY STATES, 1971

SPECIES	ALABAMA		ARKANSAS		IDAHO	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	-	-	49	3	-	-
BUFFALOFISH	1,358	141	5,376	867	-	-
CARP	306	8	418	21	174	6
CATFISH AND BULLHEADS	1,268	380	2,643	952	-	-
CHUBS	-	-	-	-	(1)	(1)
GARFISH	47	1	184	12	-	-
GIZZARD SHAD	213	8	-	-	-	-
PADDLEFISH	59	3	135	22	-	-
QUILLBACK	11	1	86	11	-	-
SALMON, RED OR SOCKEYE	-	-	-	-	507	279
SHEEPSHEAD	96	2	371	41	-	-
STURGEON, SHOVELNOSE	-	-	(1)	(1)	-	-
SUCKERS	6	(1)	122	9	648	32
TOTAL FISH	3,364	544	9,384	1,938	1,329	317
SHELLFISH ET AL.						
TURTLES:						
BABY	-	-	1	6	-	-
SLIDER	-	-	19	1	-	-
SNAPPER	1	(1)	24	3	-	-
TOTAL SHELLFISH ET AL.	1	(1)	44	10	-	-
GRAND TOTAL	3,365	544	9,428	1,948	1,329	317

SPECIES	ILLINOIS		INDIANA		IOWA	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	2	(1)	-	-	13	(1)
BUFFALOFISH	1,715	248	53	11	1,068	133
CARP	2,166	113	22	2	1,416	52
CATFISH AND BULLHEADS	474	154	24	12	382	118
EEL, COMMON	1	(1)	-	-	(1)	(1)
GARFISH	4	(1)	1	(1)	1	(1)
GIZZARD SHAD	-	-	-	-	2	(1)
MOONEYE OR GOLDEYE	10	1	-	-	2	(1)
PADDLEFISH	69	7	1	(1)	20	3
QUILLBACK	1	(1)	8	1	-	-
SHEEPSHEAD	423	42	5	1	397	31
STURGEON, SHOVELNOSE	13	3	1	1	26	9
SUCKERS	2	(1)	4	1	42	2
TOTAL FISH	4,880	568	119	29	3,369	348
SHELLFISH ET AL.						
TURTLES, SNAPPER	5	2	-	-	(1)	(1)
TOTAL SHELLFISH ET AL.	5	2	-	-	(1)	(1)
GRAND TOTAL	4,885	570	119	29	3,369	348

SPECIES	KANSAS		KENTUCKY		LOUISIANA	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	-	-	-	-	41	2
BUFFALOFISH	2	(1)	689	105	1,918	242
CARP	31	8	196	12	184	7
CATFISH AND BULLHEADS	6	3	1,172	379	1,259	366
GARFISH	-	-	-	-	359	31
GIZZARD SHAD	-	-	594	18	-	-
PADDLEFISH	-	-	96	13	21	1
QUILLBACK	(1)	(1)	5	(1)	-	-
SHAD	-	-	-	-	805	25
SHEEPSHEAD	-	-	64	4	701	76
STURGEON, SHOVELNOSE	-	-	3	1	-	-
SUCKERS	-	-	5	1	-	-
TOTAL FISH	39	11	2,824	533	5,288	750

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

LANDINGS BY STATES, 1971 - Continued

SPECIES	KANSAS		KENTUCKY		LOUISIANA	
SHELLFISH ET AL.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CRAWFISH.	-	-	-	-	5,017	1,077
SHRIMP.	-	-	-	-	2	1
TURTLES:						
BABY.	-	-	-	-	1	9
SNAPPER	-	-	-	-	91	24
FROGS	-	-	-	-	21	12
TOTAL SHELLFISH ET AL.	-	-	-	-	5,132	1,123
GRAND TOTAL	39	11	2,824	533	10,420	1,873

SPECIES	MINNESOTA		MISSISSIPPI		MISSOURI	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN.	27	1	6	(1)	2	(1)
BUFFALOFISH	975	97	2,010	327	222	64
BURBOT.	97	3	-	-	-	-
CARP.	3,146	94	523	34	294	24
CATFISH AND BULLHEADS . . .	2,519	256	890	285	128	44
EEL, COMMON	-	-	-	-	(1)	(1)
GARFISH	1	(1)	56	4	11	1
MOONEYE OR GOLDEYE.	8	2	-	-	-	-
PADDLEFISH.	-	-	43	4	21	3
PIKE OR PICKEREL.	73	15	-	-	-	-
QUILLBACK	1	(1)	23	2	26	1
SALMON, RED OR SOCKEYE. . .	(1)	(1)	-	-	-	-
SHEEPSHEAD.	482	18	75	7	61	9
STURGEON, SHOVELNOSE. . . .	-	-	2	(1)	6	2
SUCKERS	228	7	30	3	2	(1)
TULLIBEE.	1	(1)	-	-	-	-
WHITE BASS.	29	4	-	-	-	-
WHITEFISH, COMMON	177	50	-	-	-	-
YELLOW PERCH.	192	70	-	-	-	-
YELLOW PIKE	489	286	-	-	-	-
TOTAL FISH.	8,445	903	3,658	666	773	148
SHELLFISH ET AL.						
TURTLES, SNAPPER.	-	-	15	3	-	-
TOTAL SHELLFISH ET AL.	-	-	15	3	-	-
GRAND TOTAL	8,445	903	3,673	669	773	148

SPECIES	MONTANA		NEBRASKA		NORTH DAKOTA	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BUFFALOFISH	260	52	34	4	209	21
CARP.	175	4	86	3	16	1
CATFISH AND BULLHEADS . . .	24	6	25	4	134	17
GIZZARD SHAD.	-	-	9	(1)	-	-
MOONEYE OR GOLDEYE.	186	47	-	-	-	-
PADDLEFISH	-	-	-	-	2	(1)
QUILLBACK	35	1	20	1	-	-
SHEEPSHEAD.	9	(1)	-	-	-	-
SUCKERS	16	(1)	-	-	-	-
YELLOW PERCH.	-	-	-	-	2	(1)
TOTAL FISH.	705	110	174	12	363	39
GRAND TOTAL	705	110	174	12	363	39

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

LANDINGS BY STATES, 1971 - Continued

SPECIES	OHIO		OKLAHOMA		SOUTH DAKOTA	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BUFFALOFISH	-	-	119	21	1,232	[illegible]
CARP.	-	-	21	2	1,207	36
CATFISH AND BULLHEADS . . .	-	-	81	30	197	[illegible]
GARFISH	-	-	(1)	(1)	-	-
MOONEYE OR GOLDEYE.	-	-	-	-	[illegible]	[illegible]
PADDLEFISH.	-	-	[illegible]		-	-
QUILLBACK	-	-	1	(1)	-	-
SHEEPSHEAD.	-	-	6	1	187	6
SUCKERS	-	-	-	-	[illegible]	2
WHITE BASS.	-	-	(1)	(1)	-	-
TOTAL FISH.	-	-	233	55	3,013	[illegible]
SHELLFISH ET AL.						
MUSSEL SHELLS	500	[illegible]	-	-	-	-
TOTAL SHELLFISH ET AL.	500	28	-	-	-	-
GRAND TOTAL	500	28	233	55	3,013	[illegible]

SPECIES	TENNESSEE		TEXAS		WISCONSIN		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN.	17	1	1	(1)	7	(1)	165	7
BUFFALOFISH	1,784	226	1,670	246	346	[illegible]	21,640	3,070
BURBOT.	-	-	-	-	64	11	166	14
CARP.	686	31	195	9	6,795	220	18,060	687
CATFISH AND BULLHEADS . . .	1,528	491	286	114	585	150	13,625	3,781
CHUBS	-	-	-	-	-	-	(1)	(1)
CRAPPIE	31	9	-	-	-	-	31	[illegible]
EEL, COMMON	1	(1)	-	-	(1)	(1)	2	(1)
GARFISH	-	-	80	6	14	(1)	158	55
GIZZARD SHAD.	-	-	-	-	3	(1)	821	26
MOONEYE OR GOLDEYE.	-	-	-	-	4	(1)	347	46
PADDLEFISH.	106	11	1	(1)	-	-	179	68
PIKE OR PICKEREL.	-	-	-	-	-	-	73	15
QUILLBACK	78	5	6	1	15	(1)	326	24
SALMON, RED OR SOCKEYE. . .	-	-	-	-	-	-	507	279
SHAD.	-	-	-	-	-	-	805	5
SHEEPSHEAD.	302	14	59	6	1,990	58	5,228	356
STURGEON, SHOVELNOSE. . . .	1	(1)	-	-	5	1	58	17
SUCKERS	13	1	[illegible]	(1)	97	4	1,270	62
TULLIBEE.	-	-	-	-	-	-	1	(1)
WHITE BASS.	-	-	-	-	-	-	29	4
WHITEFISH, COMMON	-	-	-	-	-	-	177	50
YELLOW BASS	7	1	-	-	-	-	7	1
YELLOW PERCH.	-	-	-	-	-	-	194	70
YELLOW PIKE	-	-	-	-	-	-	489	266
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	-	-	-	-	(1)	(1)	(1)	(1)
TOTAL FISH.	4,554	790	2,300	382	10,544	626	65,358	9,004
SHELLFISH ET AL.								
CRAWFISH.	-	-	-	-	-	-	5,017	1,077
SHRIMP.	-	-	-	-	-	-	2	1
MUSSEL SHELLS	309	25	-	-	-	-	809	53
TURTLES:								
BABY.	(1)	2	-	-	-	-	2	17
SLIDER.	45	1	-	-	-	-	64	[illegible]
SNAPPER	21	3	2	(1)	3	1	167	36
FROGS	-	-	-	-	-	-	21	12
TOTAL SHELLFISH ET AL.	375	31	2	(1)	9	1	6,082	1,198
GRAND TOTAL	4,929	821	2,302	382	10,552	627	71,440	10,202

1/ LESS THAN 500 POUNDS OR $500.

MISSISSIPPI RIVER FISHERIES

SUMMARY OF LANDINGS FROM MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1971

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA					
	MISSISSIPPI RIVER PROPER		ATCHAFALAYA RIVER DRAINAGE AREA		RED RIVER DRAINAGE AREA	
					OUACHITA RIVER DRAINAGE AREA	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	22	1	32	2	1	(1)
BUFFALOFISH	2,928	443	1,014	126	191	24
CARP	7,035	259	110	4	6	(1)
CATFISH AND BULLHEADS	1,471	443	721	210	96	28
EEL, COMMON	(1)	(1)	-	-	-	-
GARFISH	54	3	167	14	77	7
GIZZARD SHAD	1	(1)	-	-	-	-
MOONEYE	14	1	-	-	-	-
PADDLEFISH	32	4	8	1	1	(1)
QUILLBACK	40	2	-	-	-	-
SHAD	90	3	655	20	-	-
SHEEPSHEAD	1,706	139	469	50	45	5
STURGEON, SHOVELNOSE	49	14	-	-	-	-
SUCKERS	85	3	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	(1)	(1)	-	-	-	-
CRAWFISH	13	3	4,783	1,027	-	-
SHRIMP	2	1	-	-	-	-
TURTLES:						
BABY	-	-	-	-	(1)	3
SNAPPER	18	4	10	3	14	4
FROGS	(1)	(1)	19	11	1	(1)
TOTAL	13,560	1,323	7,988	1,468	432	71

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	RED RIVER DRAINAGE AREA - CONTINUED		ARKANSAS RIVER DRAINAGE AREA		MISSOURI RIVER DRAINAGE AREA	
	UNCLASSIFIED					
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	18	1	25	1	(1)	(1)
BUFFALOFISH	1,637	256	3,849	592	2,171	247
CARP	135	6	275	15	1,513	56
CATFISH AND BULLHEADS	875	318	1,993	703	515	70
EEL, COMMON	-	-	-	-	(1)	(1)
GARFISH	135	11	102	5	3	(1)
GIZZARD SHAD	-	-	-	-	1	(1)
MOONEYE	-	-	-	-	325	95
PADDLEFISH	21	2	99	16	12	2
QUILLBACK	22	4	48	6	54	2
SHAD	60	2	-	-	-	-
SHEEPSHEAD	247	27	183	24	37	2
STURGEON, SHOVELNOSE	-	-	(1)	(1)	1	(1)
SUCKERS	26	2	83	6	58	2
WHITE BASS	-	-	(1)	(1)	-	-
YELLOW PERCH	-	-	-	-	2	(1)
CRAWFISH	221	47	-	-	-	-
TURTLES:						
BABY	(1)	4	-	-	-	-
SLIDER	-	-	15	1	-	-
SNAPPER	58	15	12	1	-	-
FROGS	1	1	-	-	-	-
TOTAL	3,456	696	6,684	1,370	4,692	476

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER DRAINAGE AREA					
	OHIO RIVER PROPER		TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BUFFALOFISH	159	24	2,863	329	265	40
CARP	64	4	743	24	87	6
CATFISH AND BULLHEADS	134	43	3,372	1,058	153	47
EEL, COMMON	-	-	-	-	(1)	(1)
GARFISH	-	-	47	1	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF LANDINGS FROM MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1971 - Continued

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER DRAINAGE AREA					
	OHIO RIVER PROPER		TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
GIZZARD SHAD	-	-	302	11	505	15
PADDLEFISH	-	-	132	10	19	3
QUILLBACK	2	(1)	58	3	12	1
SHEEPSHEAD	30	2	85	5	18	2
STURGEON, SHOVELNOSE	3	(1)	-	-	-	-
SUCKERS	2	(1)	16	1	2	(1)
MUSSEL SHELLS	-	-	309	26	-	-
TURTLES, SNAPPER	-	-	5	(1)	-	-
TOTAL	394	73	7,932	1,468	1,061	114

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER DRAINAGE AREA - CONTINUED				ILLINOIS RIVER DRAINAGE AREA	
	WABASH RIVER DRAINAGE AREA		UNCLASSIFIED			
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	(1)	(1)	-	-	1	(1)
BUFFALOFISH	43	9	185	31	460	61
CARP	49	6	58	4	755	35
CATFISH AND BULLHEADS	25	12	116	41	66	18
EEL, COMMON	-	-	(1)	(1)	-	-
GARFISH	2	(1)	(1)	(1)	-	-
PADDLEFISH	-	-	1	(1)	-	-
QUILLBACK	-	-	1	(1)	-	-
SHEEPSHEAD	1	(1)	28	3	45	5
STURGEON, SHOVELNOSE	3	1	1	(1)	-	-
SUCKERS	4	1	1	(1)	-	-
MUSSEL SHELLS	-	-	500	28	-	-
TURTLES, SNAPPER	(1)	(1)	-	-	(1)	(1)
TOTAL	127	29	891	107	1,327	119

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED				NORTHERN DRAINAGE AREA	
	ST. CROIX RIVER DRAINAGE AREA		UNCLASSIFIED		RED RIVER OF THE NORTH DRAINAGE AREA	
					UNCLASSIFIED	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	-	-	48	3	17	(1)
BUFFALOFISH	-	-	4,446	687	35	1
BURBOT	-	-	4	(1)	4	(1)
CARP	1	(1)	4,982	189	610	18
CATFISH AND BULLHEADS	2	(1)	3,017	681	753	76
CRAPPIE	-	-	31	9	-	-
GARFISH	-	-	107	9	-	-
GIZZARD SHAD	-	-	13	(1)	-	-
MOONEYE	-	-	(1)	(1)	8	2
PADDLEFISH	-	-	253	31	-	-
PIKE OR PICKEREL	-	-	73	15	-	-
QUILLBACK	-	-	82	4	-	-
SALMON, RED OR SOCKEYE	-	-	(1)	(1)	-	-
SHEEPSHEAD	-	-	1,064	52	182	5
STURGEON, SHOVELNOSE	-	-	2	(1)	-	-
SUCKERS	(1)	(1)	103	6	26	1
TULLIBEE	-	-	1	(1)	-	-
WHITE BASS	-	-	29	4	-	-
WHITEFISH, COMMON	-	-	-	-	177	50
YELLOW BASS	-	-	7	1	-	-
YELLOW PERCH	(1)	(1)	36	11	152	58
YELLOW PIKE	-	-	-	-	489	286
TURTLES:						
BABY	-	-	1	8	-	-
SLIDER	-	-	49	2	-	-
SNAPPER	-	-	49	9	-	-
FROGS	-	-	1	(1)	-	-
TOTAL	3	(1)	14,398	1,721	2,453	500

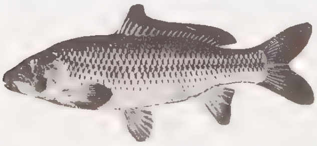
SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF LANDINGS FROM MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1971 - Continued

SPECIES	NORTHERN DRAINAGE AREA - CONTINUED		GULF OF MEXICO DRAINAGE AREA		PACIFIC OCEAN DRAINAGE AREA	
	UNCLASSIFIED					
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	1	(1)	1	(1)	-	-
BUFFALOFISH	(1)	(1)	1,394	200	-	-
BURBOT	159	13	-	-	-	-
CARP	1,293	46	169	8	175	6
CATFISH AND BULLHEADS . . .	316	33	-	-	-	-
CHUBS	-	-	-	-	(1)	(1)
GARFISH	1	(1)	64	5	-	-
MOONEYE	(1)	(1)	-	-	-	-
QUILLBACK	-	-	6	1	-	-
SALMON, RED OR SOCKEYE . . .	-	-	-	-	507	279
SHEEPSHEAD	1,088	36	-	-	-	-
SUCKERS	214	7	1	(1)	648	32
TULLIBEE	(1)	(1)	-	-	-	-
YELLOW PERCH	3	1	-	-	-	-
TURTLES, SNAPPER	-	-	2	(1)	-	-
TOTAL	3,075	136	1,637	214	1,330	317

1/ LESS THAN 500 POUNDS OR $500.



CARP

PROCESSED FISHERY PRODUCTS, 1971

ITEM	STATE	UNIT	QUANTITY	DOLLARS
ALEWIVES, CANNED, PET FOOD	KANSAS	STANDARD CASES	(1)	(1)
BUFFALOFISH:				
FILLETS, FRESH AND FROZEN	ILLINOIS, IOWA AND MISSOURI	POUNDS	125,330	[illegible]
SMOKED	MISSOURI	DO	(1)	(1)
CARP:				
FILLETS, FRESH AND FROZEN	ILLINOIS, IOWA, MISSOURI AND WISCONSIN	DO	[illegible]	[illegible]
CANNED, PET FOOD	NEBRASKA	STANDARD CASES	(1)	(1)
SMOKED	ILLINOIS, IOWA, NORTH DAKOTA, SOUTH DAKOTA AND WISCONSIN	POUNDS	[illegible]	[illegible]
MEAL AND SCRAP	IOWA	TONS	(1)	(1)
OIL	IOWA	1000 LBS	(1)	(1)
CATFISH:				
FRESH AND FROZEN:				
DRESSED, SKINS OFF	ALABAMA, ARKANSAS, ILLINOIS, IOWA MISSOURI, MISSISSIPPI, TENNESSEE, TEXAS AND WISCONSIN	POUNDS	5,791,597	4,604,073
FILLETS AND STEAKS	ILLINOIS, IOWA, WISCONSIN	DO	132,125	105,244
SPECIALTIES (BREADED RAW)	ILLINOIS	DO	(1)	(1)
SMOKED	ILLINOIS	DO	(1)	(1)
CHUBS, SMOKED	IOWA, MINNESOTA AND MISSOURI	DO	101,500	[illegible]
COD:				
BREADED, RAW AND COOKED:				
FILLETS	MISSOURI	DO	(1)	(1)
STEAKS	TENNESSEE	DO	(1)	(1)
SMOKED	MISSOURI	DO	(1)	(1)
LUTEFISK	MINNESOTA	DO	(1)	(1)
EELS, SMOKED	IOWA	DO	(1)	(1)
FLOUNDERS:				
FROZEN, BREADED RAW:				
FILLETS	MISSOURI, TENNESSEE AND WISCONSIN	DO	95,149	[illegible]
SPECIALTIES (STUFFED)	TENNESSEE	DO	(1)	(1)
SMOKED	IOWA	DO	(1)	(1)
HADDOCK FILLETS, FROZEN	MINNESOTA	DO	(1)	(1)
HALIBUT, SMOKED	IOWA AND NORTH DAKOTA	DO	(1)	(1)
HERRING:				
LAKE:				
SALTED	MISSOURI	DO	(1)	(1)
SMOKED	SOUTH DAKOTA	DO	(1)	(1)
SEA:				
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCES)	MINNESOTA AND MISSOURI	DO	(1)	(1)
SALTED	MINNESOTA	DO	(1)	(1)
OCEAN PERCH FILLETS, BREADED RAW AND COOKED	MISSOURI AND WISCONSIN	DO	(1)	(1)
PADDLEFISH:				
DRESSED, SKINS OFF, FRESH	ILLINOIS	DO	(1)	(1)
SMOKED	ILLINOIS	DO	(1)	(1)
PIKE OR PICKEREL, FILLETS FRESH AND FROZEN	MINNESOTA	DO	(1)	(1)
SABLEFISH, SMOKED	IOWA	DO	(1)	(1)
SALMON, SMOKED	ILLINOIS, MINNESOTA, MISSOURI, NORTH DAKOTA AND SOUTH DAKOTA	DO	[illegible]	[illegible]
SHEEPSHEAD, SMOKED	IOWA	DO	(1)	(1)
STURGEON, SMOKED	ILLINOIS AND IOWA	DO	24,700	[illegible]
WHITEFISH, SMOKED	MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA	DO	[illegible]	[illegible]
WHITING:				
FROZEN:				
DRESSED SKINS OFF	MISSOURI	DO	(1)	(1)
FILLETS, BREADED RAW	MISSOURI	DO	(1)	(1)
SMOKED	ILLINOIS, NEBRASKA AND SOUTH DAKOTA	DO	[illegible]	[illegible]
YELLOW PERCH FILLETS:				
FRESH	MINNESOTA	DO	(1)	(1)
BREADED RAW, FROZEN	WISCONSIN	DO	(1)	(1)
YELLOW PIKE FILLETS:				
FRESH AND FROZEN	MINNESOTA	DO	[illegible]	[illegible]
BREADED RAW, FROZEN	WISCONSIN	DO	(1)	(1)
CRAWFISH MEAT, COOKED FRESH	LOUISIANA	DO	334,800	[illegible]
SHRIMP, FROZEN:				
COOKED AND PEELED	TENNESSEE	DO	(1)	(1)
BREADED RAW	MISSOURI, OKLAHOMA, TENNESSEE, TEXAS AND WISCONSIN	DO	4,647,813	4,487,522
SPECIALTIES, BREADED RAW, (PORTIONS, STEAKS AND STUFFED)	MINNESOTA, TENNESSEE AND TEXAS	DO	193,205	143,800
MUSSEL SHELL, LIME AND CHIPS	IOWA	TONS	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

PROCESSED FISHERY PRODUCTS, 1971 - Continued

ITEM	STATE	UNIT	QUANTITY	DOLLARS
OYSTERS, BREADED RAW FROZEN.	TENNESSEE	POUNDS	(1)	(1)
SCALLOPS, SEA, BREADED RAW AND COOKED FROZEN.	TENNESSEE AND WISCONSIN	DO	(1)	(1)
TURTLE MEAT, RAW FROZEN.	WISCONSIN	DO	(1)	(1)
FROGLEGS, FROZEN	WISCONSIN	DO	(1)	(1)
UNCLASSIFIED:				
FRESH AND FROZEN PACKAGED:				
STICKS, BREADED:				
RAW.	MISSOURI, TENNESSEE AND WISCONSIN	DO	138,960	63,948
COOKED	MISSOURI AND WISCONSIN	DO	(2)	(2)
PORTIONS:				
RAW:				
NOT BREADED.	KENTUCKY AND MISSOURI	DO	(2)	(2)
BREADED.	KENTJCKY, MISSOURI, TEXAS AND WISCONSIN	DO	12,782,795	5,392,673
BREADED AND COOKED	MISSOURI AND WISCONSIN	DO	(2)	(2)
FISH AND SHELLFISH	ILLINOIS, KENTUCKY, MINNESOTA, MISSOURI AND WISCONSIN	DO	13,856,932	6,515,023
CANNED (PET FOOD).	KANSAS, NEBRASKA AND WISCONSIN	STANDARD CASES	655,794	5,454,798
CURED.	ILLINOIS, IOWA, MINNESOTA, MISSOURI, NORTH DAKOTA, AND SOUTH DAKOTA	POUNDS	2,447,056	1,555,971
INDUSTRIAL	IOWA	-	-	(2)
TOTAL.		-	-	30,394,985

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:-- SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE LANDINGS WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1971

ITEM	THOUSAND DOLLARS
PACKAGED:	
FRESH.	1,8[illegible]2
FROZEN	[illegible]0,9[illegible]0
CANNED AND INDUSTRIAL.	[illegible],5[illegible]
CURED.	[illegible],057
TOTAL.	30,395

VALUE OF PROCESSED PRODUCTS, BY STATES, 1971

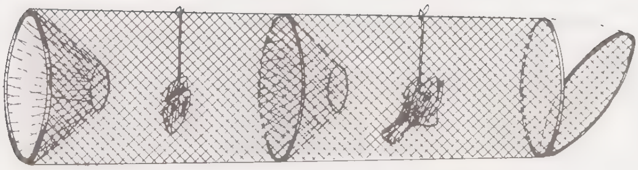
STATE	THOUSAND DOLLARS
ALABAMA AND ARKANSAS	2,996
ILLINOIS	680
IOWA	583
KANSAS, KENTUCKY AND NEBRASKA.	733
LOUISIANA.	669
MINNESOTA.	1,679
MISSISSIPPI AND TEXAS.	5,536
MISSOURI	9,825
NORTH DAKOTA, SOUTH DAKOTA AND OKLAHOMA.	159
TENNESSEE.	456
WISCONSIN.	7,079
TOTAL.	30,395

MISSISSIPPI RIVER FISHERIES

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971

STATE	PROCESSING			WHOLESALE			TOTAL		
	PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR		SEASON	YEAR		SEASON	YEAR
	NUMBER								
ALABAMA AND ARKANSAS.	8	194	153	33	109	109	41	303	262
ILLINOIS.	14	36	36	25	58	58	39	94	94
INDIANA	-	-	-	12	106	95	12	106	95
IOWA.	8	103	85	12	51	45	20	154	130
KANSAS, KENTUCKY AND NEBRASKA	4	162	148	23	154	146	27	316	294
LOUISIANA	16	177	103	23	94	83	39	271	186
MINNESOTA	5	105	89	12	34	31	17	139	120
MISSISSIPPI AND TEXAS	7	459	326	39	178	170	46	637	496
MISSOURI.	6	217	199	27	98	93	33	315	292
NORTH DAKOTA, SOUTH DAKOTA AND OKLAHOMA.	3	14	9	18	61	55	21	75	64
OHIO.	-	-	-	5	9	9	5	9	9
TENNESSEE	3	24	20	37	120	114	40	144	134
WISCONSIN	9	98	94	14	80	77	23	178	171
TOTAL	83	1,589	1,262	280	1,152	1,085	363	2,741	2,347

NOTE:-- EMPLOYMENT IS REPORTED BY EACH PLANT FOR EACH MONTH FOR THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF THE MONTH. EMPLOYMENT FOR THE SEASON IS BASED ON THE GREATEST NUMBER OF EMPLOYEES WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH. EMPLOYMENT FOR THE YEAR IS OBTAINED BY ADDING THE NUMBER OF EMPLOYEES RECORDED AS WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH, FOR THE YEAR, AND DIVIDING BY 12.



FRESHWATER CRAWFISH POT

MISSISSIPPI RIVER FISHERIES

ALABAMA

OPERATING UNITS BY GEAR, 1971

ITEM	POTS AND TRAPS, WIRE BASKETS	GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS	LINES
				LONG OR SET WITH HOOKS
	-NUMBER-			
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	22	65	30	101
CASUAL.	17	41	20	145
TOTAL.	39	106	50	246
BOATS, MOTOR.	39	106	50	246
GEAR.	550	773	160	2,250

ITEM	LINES - CONTINUED	DIP NETS, COMMON	TOTAL, EXCLUSIVE OF DUPLICATION
	SNAG		
	-NUMBER-		
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	55	2	136
CASUAL.	70	6	187
TOTAL.	125	8	323
BOATS, MOTOR.	125	8	323
GEAR.	610	8	-

ALABAMA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	POTS AND TRAPS, WIRE BASKETS		GILL NETS, ANCHOR, SET, OR STAKE		TRAMMEL NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	-	-	1,113,900	115,511	230,000	23,851
CARP.	-	-	208,000	4,992	84,100	2,018
CATFISH AND BULLHEADS .	105,000	31,500	158,500	47,550	22,000	6,600
GARFISH	-	-	44,100	882	-	-
PADDLEFISH.	-	-	26,500	1,497	9,100	514
QUILLBACK	-	-	8,000	318	3,000	119
SHEEPSHEAD.	-	-	72,300	1,497	11,200	232
SUCKERS	-	-	1,000	32	5,100	163
TURTLES, SNAPPER. . . .	-	-	1,200	144	-	-
TOTAL	105,000	31,500	1,633,500	172,423	364,500	33,497

SPECIES	LINES				DIP NETS, COMMON	
	LONG OR SET WITH HOOKS		SNAG			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	8,500	881	6,000	622	-	-
CARP.	6,700	161	7,100	170	-	-
CATFISH AND BULLHEADS .	887,000	266,100	95,000	28,500	-	-
GARFISH	2,500	50	500	10	-	-
GIZZARD SHAD.	-	-	-	-	213,100	8,100
PADDLEFISH.	-	-	23,000	1,300	-	-
SHEEPSHEAD.	10,000	207	3,000	62	-	-
TOTAL	914,700	267,399	134,600	30,664	213,100	8,100

MISSISSIPPI RIVER FISHERIES

ALABAMA - LANDINGS BY WATERS, 1971

SPECIES	OHIO RIVER DRAINAGE AREA, TENNESSEE RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	1,358,400	140,865	-	-
CARP.	305,900	7,341	-	-
CATFISH AND BULLHEADS . .	1,267,500	380,250	-	-
GARFISH	47,100	942	-	-
GIZZARD SHAD.	213,100	8,100	-	-
PADDLEFISH.	58,600	3,311	-	-
QUILLBACK	-	-	11,000	437
SHEEPSHEAD.	-	-	96,500	1,998
SUCKERS	6,100	195	-	-
TURTLES, SNAPPER.	1,200	144	-	-
TOTAL	3,257,900	541,148	107,500	2,435

ARKANSAS

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS
	- - - - - - - - - -	- - - - - - - -NUMBER-	- - - - - - - - - -	- - - - - - - - - -
FISHERMEN, ON BOATS AND SHORE:				
REGULAR.	3	290	141	133
CASUAL	1	1,259	429	336
TOTAL	4	1,549	570	469
BOATS, MOTOR.	4	1,549	570	469
GEAR.	4	8,331	1,265	1,000

ITEM	LINES		DIP NETS, COMMON	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS	SNAG		
	- - - - - - - - - -	- - - - - - - -NUMBER-	- - - - - - - - - -	- - - - - - - - - -
FISHERMEN, ON BOATS AND SHORE:				
REGULAR.	175	1	6	389
CASUAL	725	89	3	2,501
TOTAL	900	90	9	2,890
BOATS, MOTOR.	900	89	9	2,940
GEAR.	4,390	176	12	-

ARKANSAS - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	600	30	21,500	1,123	13,800	879
BUFFALOFISH	28,000	4,020	3,481,400	548,003	1,049,400	177,110
CARP.	2,500	125	233,300	11,665	99,300	4,965
CATFISH AND BULLHEADS . . .	4,200	1,514	1,019,700	372,514	718,000	255,509
GARFISH	800	44	49,800	3,320	68,700	4,464
PADDLEFISH.	300	47	49,400	8,192	47,800	8,004
QUILLBACK	1,000	50	61,900	8,990	18,000	1,746
SHEEPSHEAD.	4,500	440	306,300	33,907	30,500	3,293
STURGEON, SHOVELNOSE. . . .	400	40	-	-	-	-
SUCKERS	-	-	86,800	5,490	19,800	1,765
TURTLES:						
SLIDER.	-	-	15,000	1,050	-	-
SNAPPER	400	54	17,000	1,800	3,500	520
TOTAL	42,700	6,364	5,342,100	996,054	2,068,800	458,255

SPECIES	TRAMMEL NETS		LINES	
			LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	10,700	682	1,900	95
BUFFALOFISH	807,900	136,272	7,000	1,163
CARP.	78,700	3,935	3,700	185
CATFISH AND BULLHEADS . . .	577,300	205,025	323,500	117,703
GARFISH	51,900	3,320	12,000	805
PADDLEFISH.	34,600	5,784	2,200	330
QUILLBACK	5,000	616	-	-
SHEEPSHEAD.	24,100	2,626	5,900	652
SUCKERS	14,800	1,330	-	-
TURTLES:				
SLIDER.	4,000	200	-	-
SNAPPER	3,400	510	-	-
TOTAL	1,612,400	360,300	356,200	120,933

SPECIES	LINES - CONTINUED		DIP NETS, COMMON	
	SNAG			
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	500	25	-	-
BUFFALOFISH	2,000	357	-	-
CARP.	200	10	-	-
CATFISH AND BULLHEADS . . .	800	312	-	-
GARFISH	1,000	76	-	-
PADDLEFISH.	300	51	-	-
QUILLBACK	(1)	(1)	-	-
SHEEPSHEAD.	100	11	-	-
TURTLES, BABY	-	-	800	5,500
TOTAL	4,900	842	800	5,500

ARKANSAS - LANDINGS BY WATERS, 1971

SPECIES	RED RIVER DRAINAGE AREA, UNCLASSIFIED		ARKANSAS RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	11,500	575	24,700	1,235	12,800	1,024
BUFFALOFISH	834,800	141,916	3,729,700	570,881	811,200	154,128
CARP	64,100	3,205	254,000	12,700	99,600	4,980
CATFISH AND BULLHEADS	297,700	119,080	1,911,700	672,880	434,100	160,617
GARFISH	46,100	3,688	102,200	5,110	35,900	3,231
PADDLEFISH	11,900	2,023	94,800	15,642	27,900	4,743
QUILLBACK	21,700	3,689	47,300	6,361	16,900	1,352
SHEEPSHEAD	87,200	9,592	176,300	22,705	107,900	8,632
STURGEON, SHOVELNOSE	-	-	400	40	-	-
SUCKERS	25,300	1,265	83,300	6,040	12,800	1,280
TURTLES:						
BABY	-	-	-	-	800	5,500
SLIDER	-	-	15,000	1,050	4,000	200
SNAPPER	3,900	390	12,200	854	8,200	1,640
TOTAL	1,404,200	285,423	6,451,600	1,315,498	1,572,100	347,327

IDAHO

THE COMMERCIAL FISHERIES OF IDAHO WERE CONFINED TO THE PACIFIC OCEAN DRAINAGE AREA. LANDINGS CONSISTED OF 174,000 POUNDS OF CARP, VALUED AT $5,598; 400 POUNDS OF CHUBS, VALUED AT $8; 647,500 POUNDS OF SUCKERS VALUED AT $32,278; AND 507,300 POUNDS OF SALMON, VALUED AT $279,000. FOUR REGULAR AND 11 CASUAL FISHERMEN EMPLOYING 4 MOTOR BOATS FISHED 4 HAUL SEINES, AND 730 CASUAL FISHERMEN EMPLOYING 730 MOTOR BOATS FISHED 730 HAND LINES.

ILLINOIS

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, WIRE BASKETS	GILL NETS, ANCHOR, SET, OR STAKE
	NUMBER			
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	18	69	36	12
CASUAL	30	123	56	12
TOTAL	48	192	92	24
BOATS:				
MOTOR	26	168	81	19
OTHER	21	-	-	-
GEAR	23	3,863	1,319	42

ITEM	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	66	20	83
CASUAL	132	76	229
TOTAL	198	96	312
BOATS:			
MOTOR	171	90	261
OTHER	-	-	21
GEAR	469	278	-

ILLINOIS - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		POTS AND TRAPS, WIRE BASKETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	-	-	600	40	-	-
BUFFALOFISH	112,800	16,387	676,100	99,873	4,000	532
CARP	571,900	24,626	862,300	50,569	8,800	442
CATFISH AND BULLHEADS	12,000	3,885	233,000	75,898	106,900	34,317
EEL, COMMON	-	-	300	45	-	-
GARFISH	1,600	53	2,200	77	-	-
MOONEYE	-	-	10,000	500	-	-
PADDLEFISH	21,100	2,101	4,800	572	-	-
QUILLBACK	-	-	600	90	-	-
SHEEPSHEAD	85,600	8,496	271,500	27,248	600	66
STURGEON, SHOVELNOSE	700	194	6,000	1,578	100	14
SUCKERS	-	-	1,800	115	-	-
TURTLES, SNAPPER	-	-	4,900	1,541	-	-
TOTAL	805,700	55,742	2,074,100	258,146	120,400	35,371

SPECIES	GILL NETS, ANCHOR, SET, OR STAKE		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	-	-	1,200	72	-	-
BUFFALOFISH	7,300	1,044	913,800	130,101	1,300	205
CARP	3,200	145	714,400	36,857	5,000	269
CATFISH AND BULLHEADS	50	164	29,200	9,491	92,000	29,930
EEL, COMMON	-	-	(1)	2	500	107
GARFISH	-	-	600	24	-	-
PADDLEFISH	8,200	818	35,400	3,801	(1)	1
QUILLBACK	-	-	400	60	-	-
SHEEPSHEAD	(1)	2	56,000	5,666	9,700	990
STURGEON, SHOVELNOSE	-	-	5,400	1,431	400	58
SUCKERS	-	-	100	5	-	-
TOTAL	19,200	2,173	1,756,500	187,510	108,900	31,560

1/ LESS THAN 50 POUNDS.

ILLINOIS - LANDINGS BY WATERS, 1971

SPECIES	MISSISSIPPI RIVER PROPER		OHIO RIVER DRAINAGE AREA			
			WABASH RIVER DRAINAGE AREA		UNCLASSIFIED	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	1,300	66	(1)	6	-	-
BUFFALOFISH	1,082,000	159,660	11,800	1,994	-	-
CARP	1,277,900	63,736	26,600	4,346	1,100	216
CATFISH AND BULLHEADS	326,700	107,356	15,300	5,521	53,000	18,550
EEL, COMMON	400	54	-	-	400	100
GARFISH	3,900	129	300	15	200	10
MOONEYE	10,000	500	-	-	-	-
SHEEPSHEAD	325,800	32,341	1,400	257	17,500	1,750
STURGEON, SHOVELNOSE	10,800	2,868	1,300	332	500	75
SUCKERS	1,800	88	100	32	-	-
TURTLES, SNAPPER	3,000	964	(1)	2	-	-
TOTAL	3,043,600	367,762	56,800	12,505	72,700	20,701

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

ILLINOIS - LANDINGS BY WATERS, 1971 - Continued

SPECIES	ILLINOIS RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	500	40	-	-
BUFFALOFISH	459,900	61,246	161,600	25,242
CARP.	755,100	35,410	104,900	9,200
CATFISH AND BULLHEADS . .	65,900	17,827	12,700	4,431
PADDLEFISH.	-	-	69,500	7,293
QUILLBACK	-	-	1,000	150
SHEEPSHEAD.	44,800	4,651	33,900	3,469
TURTLES, SNAPPER.	400	100	1,500	475
TOTAL.	1,326,600	119,274	385,100	50,260

1/ LESS THAN 50 POUNDS.

INDIANA

OPERATING UNITS BY GEAR, 1971

ITEM	FYKE AND HOOP NETS, FISH	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	[illegible]			
FISHERMEN. ON BOATS AND SHORE:				
REGULAR.	-	-	1	1
CASUAL	50	[illegible]	46	63
TOTAL.	50	[illegible]	47	64
BOATS, MOTOR.	42	[illegible]	44	[illegible]
GEAR.	216	[illegible]	[illegible]	-

INDIANA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	FYKE AND HOOP NETS, FISH		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	37,600	8,290	14,300	2,860	1,100	370
CARP.	16,500	1,482	4,100	410	1,600	132
CATFISH AND BULLHEADS . .	7,900	4,784	2,600	988	13,700	6,067
GARFISH	1,500	150	-	-	-	-
PADDLEFISH.	-	-	500	75	-	-
QUILLBACK	7,100	1,118	-	-	500	79
SHEEPSHEAD.	1,800	297	1,700	170	1,400	217
STURGEON, SHOVELNOSE. . .	600	270	-	-	700	304
SUCKERS	3,500	522	-	-	500	151
TOTAL.	76,500	16,913	23,200	4,503	19,500	7,320

INDIANA - LANDINGS BY WATERS, 1971

SPECIES	OHIO RIVER DRAINAGE AREA				MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	WABASH RIVER DRAINAGE AREA		UNCLASSIFIED			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	31,200	7,160	21,800	4,360	-	-
CARP.	14,400	1,244	7,800	780	-	-
CATFISH AND BULLHEADS .	9,500	6,253	14,700	5,586	-	-
GARFISH	1,500	150	-	-	-	-
PADDLEFISH.	-	-	500	75	-	-
QUILLBACK	-	-	-	-	7,600	1,197
SHEEPSHEAD.	-	-	-	-	4,900	684
STURGEON, SHOVELNOSE. .	1,300	574	-	-	-	-
SUCKERS	4,000	673	-	-	-	-
TOTAL.	61,900	16,054	44,800	10,801	12,500	1,881

IOWA

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, FISH	GILL NETS, ANCHOR, SET, OR STAKE
	-NUMBER-			
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	24	98	90	56
CASUAL.	76	293	277	180
TOTAL	100	391	367	236
BOATS:				
MOTOR	35	391	367	230
OTHER	31	-	-	-
GEAR.	41	3,910	3,618	580

ITEM	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-		
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	63	75	112
CASUAL.	190	225	353
TOTAL	253	300	465
BOATS:			
MOTOR	253	300	442
OTHER	-	-	31
GEAR.	380	1,502	-

IOWA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		POTS AND TRAPS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	1,600	64	3,600	147	3,300	134
BUFFALOFISH	233,700	17,514	185,200	25,915	176,900	24,003
CARP	211,600	7,693	264,400	10,574	363,200	10,713
CATFISH AND BULLHEADS	37,900	11,670	90,300	27,822	83,200	25,615
EEL, COMMON	(1)	1	(1)	2	(1)	2
GARFISH	200	6	200	7	200	5
GIZZARD SHAD	100	6	300	12	300	11
MOONEYE	100	4	300	7	200	8
PADDLEFISH	1,800	236	3,300	430	3,000	399
SHEEPSHEAD	71,700	4,977	78,500	6,286	73,100	5,796
STURGEON, SHOVELNOSE	2,000	651	4,300	1,433	4,000	1,317
SUCKERS	7,600	304	8,200	330	7,700	305
TURTLES, SNAPPER	(1)	1	100	18	100	16
TOTAL	568,300	43,127	638,700	72,983	715,200	68,324

SPECIES	GILL NETS, ANCHOR, SET, OR STAKE		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	1,300	50	2,400	95	800	30
BUFFALOFISH	138,800	19,207	260,700	36,495	72,700	10,175
CARP	171,700	7,003	324,000	12,957	80,900	3,239
CATFISH AND BULLHEADS	46,200	14,231	92,900	28,674	31,600	9,739
EEL, COMMON	(1)	1	(1)	2	-	-
GARFISH	400	10	600	19	(1)	1
GIZZARD SHAD	200	7	1,300	54	100	4
MOONEYE	100	4	800	35	100	3
PADDLEFISH	3,300	436	7,600	992	700	76
SHEEPSHEAD	50,400	3,860	91,300	7,303	32,000	2,559
STURGEON, SHOVELNOSE	4,900	1,631	9,600	3,131	1,300	438
SUCKERS	5,100	203	10,000	400	3,400	138
TURTLES, SNAPPER	-	-	-	-	(1)	11
TOTAL	422,400	46,643	801,200	90,157	223,600	26,413

1/ LESS THAN 50 POUNDS.

IOWA - LANDINGS BY WATERS, 1971

SPECIES	MISSISSIPPI RIVER PROPER		MISSOURI RIVER DRAINAGE AREA	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	13,000	520	-	-
BUFFALOFISH	921,600	129,024	146,400	4,285
CARP	1,239,500	49,579	176,300	2,600
CATFISH AND BULLHEADS	374,700	115,384	7,400	2,367
EEL, COMMON	(1)	8	-	-
GARFISH	1,600	48	-	-
GIZZARD SHAD	1,000	41	1,300	53
MOONEYE	700	26	900	35
PADDLEFISH	18,000	2,346	1,700	223
SHEEPSHEAD	382,000	30,559	15,000	222
STURGEON, SHOVELNOSE	25,900	8,535	200	66
SUCKERS	41,500	1,659	500	21
TURTLES, SNAPPER	200	46	-	-
TOTAL	3,019,700	337,775	349,700	[illegible]

1/ LESS THAN 50 POUNDS.

MISSISSIPPI RIVER FISHERIES

KANSAS

OPERATING UNITS BY GEAR, 1971

ITEM	FYKE AND HOOP NETS, FISH	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-			
FISHERMEN, ON BOATS AND SHORE, CASUAL.	8	10	3	11
BOATS, MOTOR.	8	10	3	11
GEAR.	63	10	24	-

KANSAS - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	FYKE AND HOOP NETS, FISH		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	1,100	332	800	230	-	-
CARP.	24,300	6,074	6,500	1,632	(1)	3
CATFISH AND BULLHEADS . . .	5,400	2,710	900	445	100	30
QUILLBACK	200	62	200	51	-	-
TOTAL	31,000	9,178	8,400	2,358	100	33

NOTE:--THE COMMERCIAL FISHERIES OF KANSAS WERE CONFINED TO THE MISSOURI RIVER DRAINAGE AREA.

KENTUCKY

OPERATING UNITS BY GEAR, 1971

ITEM	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	DIP NETS, COMMON	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-					
FISHERMEN, ON BOATS AND SHORE:						
REGULAR.	20	27	37	55	-	96
CASUAL	140	52	81	275	33	449
TOTAL.	160	79	118	330	33	545
BOATS, MOTOR.	154	75	113	320	33	524
GEAR.	820	272	413	1,320	33	-

KENTUCKY - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET, OR STAKE		TRAMMEL NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	133,500	21,111	193,300	29,228	355,400	53,441
CARP	61,600	3,985	47,400	2,738	83,200	4,879
CATFISH AND BULLHEADS	68,400	22,460	51,600	16,885	82,800	26,919
PADDLEFISH	-	-	46,400	6,043	49,900	6,991
QUILLBACK	3,100	295	-	-	1,600	139
SHEEPSHEAD	14,900	1,023	8,800	538	20,900	1,352
STURGEON, SHOVELNOSE	500	75	-	-	300	45
SUCKERS	3,600	372	100	11	1,300	137
TOTAL	285,600	49,321	347,600	55,443	595,400	93,903

SPECIES	LINES, LONG OR SET WITH HOOKS		DIP NETS, COMMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	6,800	1,008	-	-
CARP	3,800	222	-	-
CATFISH AND BULLHEADS	969,300	313,155	-	-
GIZZARD SHAD	-	-	594,000	18,295
SHEEPSHEAD	19,700	1,377	-	-
STURGEON, SHOVELNOSE	2,300	345	-	-
TOTAL	1,001,900	316,107	594,000	18,295

KENTUCKY - LANDINGS BY WATERS, 1971

SPECIES	MISSISSIPPI RIVER PROPER		OHIO RIVER DRAINAGE AREA			
			OHIO RIVER PROPER		TENNESSEE RIVER DRAINAGE AREA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	39,400	7,092	159,400	23,910	185,500	25,970
CARP	16,700	1,169	64,200	3,852	36,400	1,820
CATFISH AND BULLHEADS	42,900	16,302	133,500	42,720	863,500	276,320
GIZZARD SHAD	-	-	-	-	89,100	2,744
PADDLEFISH	3,800	570	23,100	3,465	35,400	4,425
QUILLBACK	1,200	84	2,400	240	-	-
SHEEPSHEAD	5,300	530	30,000	1,950	12,200	610
STURGEON, SHOVELNOSE	600	90	2,500	375	-	-
SUCKERS	300	30	2,000	220	-	-
TOTAL	110,200	25,867	417,100	76,732	1,222,100	311,889

SPECIES	OHIO RIVER DRAINAGE AREA - CONTINUED			
	CUMBERLAND RIVER DRAINAGE AREA		UNCLASSIFIED	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	141,700	21,255	163,000	26,561
CARP	29,200	1,460	49,500	3,523
CATFISH AND BULLHEADS	84,300	27,117	47,900	16,960
GIZZARD SHAD	504,900	15,551	-	-
PADDLEFISH	30,800	3,934	3,200	640
QUILLBACK	-	-	1,100	110
SHEEPSHEAD	5,800	406	11,000	794
SUCKERS	1,700	170	1,000	100
TOTAL	798,400	69,893	276,700	48,688

MISSISSIPPI RIVER FISHERIES

LOUISIANA

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS			GILL NETS, ANCHOR, SET, OR STAKE
			CRAWFISH	SHRIMP	TURTLE	
	-NUMBER-					
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	29	252	167	2	7	163
CASUAL	42	719	654	13	7	432
TOTAL	71	971	821	15	14	595
BOATS, MOTOR	43	971	821	14	14	595
GEAR, NUMBER	40	29,290	61,522	155	65	1,191

ITEM	TRAMMEL NETS	LINES		DIP NETS, COMMON	FROG GRABS	TOTAL, EXCLUSIVE OF DUPLICATION
		HAND	LONG OR SET WITH HOOKS			
	-NUMBER-					
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	111	12	132	56	68	366
CASUAL	303	35	493	119	113	1,240
TOTAL	414	47	625	175	181	1,606
BOATS, MOTOR	414	25	625	175	181	1,606
GEAR, NUMBER	637	47	1,515	175	181	-

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
					CRAWFISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	1,500	83	18,800	974	-	-
BUFFALOFISH	68,300	8,486	795,300	100,132	-	-
CARP	12,700	521	77,000	3,086	-	-
CATFISH AND BULLHEADS	19,700	5,796	488,100	141,953	-	-
GARFISH	23,400	1,998	600	50	-	-
PADDLEFISH	1,600	110	-	-	-	-
SHEEPSHEAD	21,000	2,207	339,400	36,707	-	-
CRAWFISH	-	-	-	-	5,016,700	1,076,853
TURTLES, SNAPPER	500	131	6,700	1,795	-	-
TOTAL	148,700	19,332	1,725,900	284,697	5,016,700	1,076,853

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS, ANCHOR, SET, OR STAKE	
	SHRIMP		TURTLE			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	-	-	-	-	11,200	579
BUFFALOFISH	-	-	-	-	643,700	81,522
CARP	-	-	-	-	59,900	2,208
CATFISH AND BULLHEADS	-	-	-	-	259,300	75,504
GARFISH	-	-	-	-	148,000	12,752
PADDLEFISH	-	-	-	-	7,000	441
SHEEPSHEAD	-	-	-	-	204,600	22,538
SHRIMP	1,800	612	-	-	-	-
TURTLES, SNAPPER	-	-	7,400	1,923	4,100	1,083
TOTAL	1,800	612	7,400	1,923	1,337,800	196,627

(CONTINUED ON NEXT PAGE)

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	TRAMMEL NETS		LINES			
			HAND		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	7,100	370	-	-	2,500	123
BUFFALOFISH	410,100	51,842	-	-	200	24
CARP	34,200	1,402	-	-	200	6
CATFISH AND BULLHEADS	167,700	48,790	-	-	323,900	94,256
GARFISH	72,900	6,327	-	-	114,500	10,030
PADDLEFISH	6,000	364	-	-	6,400	405
SHEEPSHEAD	135,600	14,701	-	-	-	-
TURTLES, SNAPPER	4,200	1,103	13,500	3,613	55,200	14,500
TOTAL	837,800	124,899	13,500	3,613	502,900	119,344

SPECIES	DIP NETS, COMMON		FROG GRABS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
SHAD	805,300	24,662	-	-
TURTLES, BABY	800	8,850	-	-
FROGS	6,100	3,545	15,400	8,691
TOTAL	812,200	37,057	15,400	8,691

LOUISIANA - LANDINGS BY WATERS, 1971

SPECIES	MISSISSIPPI RIVER PROPER		ATCHAFALAYA RIVER DRAINAGE AREA		RED RIVER DRAINAGE AREA	
					OUACHITA RIVER DRAINAGE AREA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	700	32	32,200	1,682	800	39
BUFFALOFISH	97,200	12,232	1,013,800	126,172	191,300	24,333
CARP	11,700	389	110,300	4,440	6,400	259
CATFISH AND BULLHEADS	95,600	27,814	721,000	210,084	96,200	27,825
GARFISH	29,900	2,748	167,500	14,173	77,300	6,494
PADDLEFISH	900	47	8,300	683	800	39
SHAD	90,000	2,700	655,300	20,162	-	-
SHEEPSHEAD	38,400	4,372	468,800	50,177	45,000	4,844
CRAWFISH	13,500	2,700	4,782,200	1,027,356	-	-
SHRIMP	1,800	612	-	-	-	-
TURTLES:						
BABY	-	-	-	-	300	3,325
SNAPPER	6,000	1,504	10,000	2,604	14,000	3,715
FROGS	400	200	18,500	10,736	700	350
TOTAL	386,100	55,350	7,987,900	1,468,269	432,800	71,223

SPECIES	RED RIVER DRAINAGE AREA - CONTINUED		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	UNCLASSIFIED			
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	6,500	331	900	45
BUFFALOFISH	526,500	68,135	88,800	11,134
CARP	46,800	1,781	8,800	354
CATFISH AND BULLHEADS	291,800	84,877	54,100	15,699
GARFISH	73,600	6,690	11,100	1,052
PADDLEFISH	9,500	474	1,500	77
SHAD	60,000	1,800	-	-
SHEEPSHEAD	128,100	14,434	20,300	2,326
CRAWFISH	221,000	46,797	-	-
TURTLES:				
BABY	400	4,425	100	1,100
SNAPPER	53,700	14,234	7,900	2,091
FROGS	1,300	650	600	300
TOTAL	1,419,200	244,628	194,100	34,178

MISSISSIPPI RIVER FISHERIES

MINNESOTA

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	WEIRS	POUND NETS, FISH	TRAPS NETS	FYKE AND HOOP NETS, FISH
	-NUMBER-				
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	53	-	-	-	36
CASUAL.	235	70	2	2	187
TOTAL.	288	70	2	2	223
BOATS:					
MOTOR	97	23	1	1	99
OTHER	63	-	-	-	-
GEAR.	57	59	6	6	2,758

ITEM	POTS AND TRAPS, FISH	GILL NETS, ANCHOR, SET, OR STAKE	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-			
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	-	79	2	151
CASUAL.	36	177	45	594
TOTAL.	36	256	47	745
BOATS:				
MOTOR	21	127	45	331
OTHER	-	-	-	63
GEAR.	89	252	45	-

MINNESOTA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		WEIRS		POUND NETS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	1,700	33	6,200	125	-	-
BUFFALOFISH	891,100	89,095	-	-	-	-
BURBOT.	200	5	100	2	8,500	256
CARP.	2,304,300	69,127	579,800	17,394	-	-
CATFISH AND BULLHEADS .	1,071,300	107,223	63,000	6,293	-	-
GARFISH	900	18	-	-	-	-
MOONEYE	100	(1)	-	-	-	-
QUILLBACK	100	3	-	-	-	-
SALMON, SILVER OR COHO.	-	-	200	82	-	-
SHEEPSHEAD.	303,700	10,332	100	3	-	-
SUCKERS	16,100	484	137,600	4,131	-	-
TULLIBEE.	-	-	(1)	1	-	-
WHITE BASS.	29,100	4,365	-	-	-	-
YELLOW PERCH.	25,600	7,671	3,100	916	-	-
TOTAL	4,644,200	288,356	790,100	28,947	8,500	256

SPECIES	TRAPS NETS		FYKE AND HOOP NETS, FISH		POTS AND TRAPS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	-	-	19,000	380	100	2
BUFFALOFISH	-	-	43,200	4,325	(1)	3
BURBOT.	17,100	513	71,500	2,086	100	3
CARP.	-	-	163,100	4,893	12,200	366
CATFISH AND BULLHEADS .	-	-	1,330,800	133,069	29,600	2,955
SHEEPSHEAD.	-	-	17,700	528	-	-
SUCKERS	-	-	57,300	1,721	17,300	519
TULLIBEE.	-	-	-	-	1,300	25
YELLOW PERCH.	-	-	9,200	2,753	22,500	6,766
TOTAL	17,100	513	1,711,800	149,755	83,100	10,639

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI RIVER FISHERIES

MINNESOTA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	GILL NETS, ANCHOR, SET, OR STAKE		LINES, LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	40,100	4,012	700	71
CARP	81,800	2,454	5,200	155
CATFISH AND BULLHEADS	1,900	779	22,200	6,127
GARFISH	100	1	(1)	1
MOONEYE	7,500	2,273	-	-
PIKE OR PICKEREL	72,800	14,694	-	-
QUILLBACK	400	10	(1)	2
SHEEPSHEAD	157,400	6,687	3,000	238
SUCKERS	100	2	100	3
WHITEFISH, COMMON	177,200	49,546	-	-
YELLOW PERCH	131,100	51,804	-	-
YELLOW PIKE	488,600	286,025	-	-
TOTAL	1,159,000	418,287	31,200	6,597

1/ LESS THAN 50 POUNDS OR 50 CENTS.

MINNESOTA - LANDINGS BY WATERS, 1971

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA					
	MISSISSIPPI RIVER PROPER		MISSOURI RIVER DRAINAGE AREA		ST. CROIX RIVER DRAINAGE AREA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	100	(1)	-	-	-	-
BUFFALOFISH	72,700	7,268	250,100	25,005	-	-
CARP	211,100	6,333	154,300	4,627	600	16
CATFISH AND BULLHEADS	24,100	6,708	99,400	9,945	1,600	156
GARFISH	1,000	20	-	-	-	-
MOONEYE	100	(1)	-	-	-	-
SUCKERS	600	19	100	33	(1)	1
YELLOW PERCH	-	-	(1)	9	(1)	1
TOTAL	309,700	20,348	503,900	39,589	2,200	174

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED		NORTHERN DRAINAGE AREA			
	UNCLASSIFIED		RED RIVER OF THE NORTH, UNCLASSIFIED		UNCLASSIFIED	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	9,600	193	17,300	346	(1)	1
BUFFALOFISH	646,100	64,615	6,200	618	-	-
BURBOT	4,000	102	3,700	92	89,800	2,671
CARP	2,604,700	78,141	174,700	5,242	1,000	30
CATFISH AND BULLHEADS	1,380,500	138,044	752,200	75,501	261,000	26,092
MOONEYE	-	-	7,500	2,273	-	-
PIKE OR PICKEREL	72,800	14,694	-	-	-	-
QUILLBACK	500	15	-	-	-	-
SALMON, SILVER OR COHO	200	82	-	-	-	-
SHEEPSHEAD	481,900	17,788	-	-	-	-
SUCKERS	48,100	1,443	14,100	424	165,600	4,970
TULLIBEE	1,300	25	-	-	(1)	1
WHITE BASS	29,100	4,365	-	-	-	-
WHITEFISH, COMMON	-	-	177,200	49,546	-	-
YELLOW PERCH	36,100	10,805	152,200	58,126	3,200	969
YELLOW PIKE	-	-	488,600	286,025	-	-
TOTAL	5,314,900	330,312	1,793,700	478,193	520,600	34,734

1/ LESS THAN 50 POUNDS OR 50 CENTS.

MISSISSIPPI RIVER FISHERIES

MISSISSIPPI

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS	LINES: LONG OR SET WITH HOOKS	LINES: SNAG	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-						
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	5	82	111	16	80	24	177
CASUAL.	14	312	481	38	357	115	871
TOTAL.	19	394	592	54	437	139	1,048
BOATS:							
MOTOR	10	374	562	53	414	131	986
OTHER	3	-	-	-	-	-	- 3
GEAR.	8	4,824	978	101	1,047	232	-

MISSISSIPPI - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON: POUNDS	HAUL SEINES, COMMON: DOLLARS	FYKE AND HOOP NETS, FISH: POUNDS	FYKE AND HOOP NETS, FISH: DOLLARS	GILL NETS, ANCHOR, SET, OR STAKE: POUNDS	GILL NETS, ANCHOR, SET, OR STAKE: DOLLARS
BOWFIN.	-	-	1,800	99	-	-
BUFFALOFISH	102,000	16,320	663,800	108,696	1,105,300	179,107
CARP.	28,200	1,692	250,600	16,094	184,800	12,004
CATFISH AND BULLHEADS .	1,500	450	225,600	74,231	70,600	22,579
GARFISH	2,400	180	5,200	390	33,500	2,512
PADDLEFISH.	-	-	-	-	22,100	1,989
QUILLBACK	1,600	104	16,400	1,080	3,400	221
SHEEPSHEAD.	2,000	180	26,400	2,467	26,100	2,416
STURGEON, SHOVELNOSE. .	-	-	500	50	-	-
SUCKERS	1,200	114	22,400	2,128	6,700	636
TURTLES, SNAPPER. . . .	500	100	5,000	1,000	2,000	400
TOTAL	139,400	19,140	1,217,700	206,235	1,454,500	221,864

SPECIES	TRAMMEL NETS: POUNDS	TRAMMEL NETS: DOLLARS	LINES: LONG OR SET WITH HOOKS: POUNDS	LINES: LONG OR SET WITH HOOKS: DOLLARS	LINES: SNAG: POUNDS	LINES: SNAG: DOLLARS
BOWFIN.	-	-	4,100	225	-	-
BUFFALOFISH	122,800	20,198	7,800	1,282	8,500	1,412
CARP.	48,800	3,242	5,800	366	5,000	340
CATFISH AND BULLHEADS .	13,000	4,192	514,400	164,197	64,500	19,664
GARFISH	5,300	398	6,400	480	3,400	255
PADDLEFISH.	2,200	198	500	45	18,300	1,647
QUILLBACK	1,400	91	-	-	-	-
SHEEPSHEAD.	6,300	577	11,200	1,008	2,500	225
STURGEON, SHOVELNOSE. .	-	-	1,500	150	-	-
TURTLES, SNAPPER. . . .	-	-	7,500	1,500	-	-
TOTAL	199,800	28,896	559,200	169,253	102,200	23,543

NOTE:--THE COMMERCIAL FISHERIES OF MISSISSIPPI WERE CONFINED TO THE MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED

MISSISSIPPI RIVER FISHERIES

MISSOURI

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-					
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	1	38	3	38	14	53
CASUAL.	3	190	10	197	139	402
TOTAL.	4	228	13	235	153	455
BOATS:						
MOTOR	4	194	10	191	129	374
OTHER	-	35	3	44	24	92
GEAR.	4	1,486	13	235	153	-

MISSOURI - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	100	6	200	12	-	-
BUFFALOFISH	21,000	6,097	78,900	22,888	5,600	1,610
CARP.	22,900	1,831	152,800	12,222	7,000	558
CATFISH AND BULLHEADS .	14,300	4,949	45,300	15,709	500	131
EEL, COMMON	(1)	1	100	9	-	-
GARFISH	1,000	49	1,500	75	1,100	55
PADDLEFISH.	3,800	572	2,200	334	600	100
QUILLBACK	6,500	322	9,100	457	-	-
SHEEPSHEAD.	3,100	467	38,500	5,781	300	45
STURGEON, SHOVELNOSE. .	300	70	100	25	100	25
SUCKERS	100	8	400	31	100	7
TOTAL	73,100	14,372	329,100	57,543	15,300	2,531

SPECIES	TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	600	42	800	54
BUFFALOFISH	114,900	33,313	1,600	480
CARP.	106,900	8,552	4,100	330
CATFISH AND BULLHEADS .	29,600	10,254	38,300	13,053
EEL, COMMON	(1)	1	300	39
GARFISH	7,000	354	600	30
PADDLEFISH.	14,200	2,115	400	54
QUILLBACK	10,100	503	100	4
SHEEPSHEAD.	15,900	2,383	3,200	488
STURGEON, SHOVELNOSE. .	4,600	1,149	1,200	298
SUCKERS	1,200	79	-	-
TOTAL	305,000	58,745	50,600	14,830

1/ LESS THAN 50 POUNDS.

MISSOURI - LANDINGS BY WATERS, 1971

SPECIES	MISSISSIPPI RIVER PROPER		MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	1,200	84	100	4	400	26
BUFFALOFISH	150,000	43,497	66,200	19,198	5,800	1,693
CARP	173,100	13,847	116,900	9,352	3,700	294
CATFISH AND BULLHEADS .	77,300	26,495	26,500	9,164	24,200	8,437
EEL, COMMON	300	41	100	9	-	-
GARFISH	8,100	405	2,800	143	300	15
PADDLEFISH	13,000	1,947	8,200	1,228	-	-
QUILLBACK	13,600	681	12,000	597	200	8
SHEEPSHEAD	50,300	7,553	8,700	1,313	2,000	298
STURGEON, SHOVELNOSE . .	5,800	1,438	500	129	-	-
SUCKERS	900	62	900	63	-	-
TOTAL	493,600	96,050	242,900	41,200	36,600	10,771

MONTANA

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	5	3	8	10	17
CASUAL	-	3	-	-	3
TOTAL	5	6	8	10	20
BOATS:					
MOTOR	2	3	6	7	11
OTHER	3	-	-	-	3
GEAR	3	30	57	46	-

MONTANA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	45,200	9,000	-	-
CARP	173,300	4,342	-	-
CATFISH AND BULLHEADS .	-	-	23,500	5,530
QUILLBACK	2,000	50	-	-
SHEEPSHEAD	1,200	25	-	-
SUCKERS	16,200	400	-	-
TOTAL	237,900	13,817	23,500	5,530

(CONTINUED ON NEXT PAGE)

MONTANA - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	GILL NETS, ANCHOR, SET, OR STAKE		TRAMMEL NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	-	-	215,300	43,000
CARP.	-	-	1,800	50
MOONEYE	186,400	46,500	-	-
QUILLBACK	-	-	32,500	700
SHEEPSHEAD.	-	-	7,600	150
TOTAL	186,400	46,500	257,200	43,900

NOTE:--THE COMMERCIAL FISHERIES OF MONTANA WERE CONFINED TO THE MISSOURI RIVER DRIANAGE AREA.

NEBRASKA

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, FISH	TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	10	14	10	16	28
CASUAL.	13	53	29	89	123
TOTAL.	23	67	39	105	151
BOATS:					
MOTOR	12	67	39	105	141
OTHER	12	-	-	-	12
GEAR.	10	365	237	105	-

NEBRASKA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	2,200	282	5,900	756
CARP.	15,900	431	21,800	873
CATFISH AND BULLHEADS .	3,700	106	8,600	1,460
GIZZARD SHAD.	9,500	237	-	-
QUILLBACK	15,100	384	600	17
TOTAL	46,400	1,440	36,900	3,106

SPECIES	POTS AND TRAPS, FISH		TRAMMEL NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	200	26	25,700	3,350
CARP.	4,700	188	43,500	1,738
CATFISH AND BULLHEADS .	7,800	1,327	4,500	759
QUILLBACK	-	-	4,500	136
TOTAL	12,700	1,541	78,200	5,983

NEBRASKA - LANDINGS BY WATERS, 1971

SPECIES	MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	34,000	4,414	-	-
CARP.	72,200	2,887	13,700	343
CATFISH AND BULLHEADS .	21,000	3,562	3,600	90
GIZZARD SHAD.	-	-	9,500	237
QUILLBACK	6,500	195	13,700	342
TOTAL	133,700	11,058	40,500	1,012

NORTH DAKOTA

OPERATING UNITS BY GEAR, 1971

ITEM	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET, OR STAKE	TOTAL, EXCLUSIVE OF DUPLICATION
		NUMBER	
FISHERMEN, ON BOATS AND SHORE, REGULAR	11	8	11
BOATS, MOTOR.	6	4	6
GEAR.	125	10	-

NORTH DAKOTA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	208,600	20,856	-	-
CARP.	15,900	478	-	-
CATFISH AND BULLHEADS .	131,800	16,352	2,500	378
PADDLEFISH.	-	-	2,400	241
YELLOW PERCH.	-	-	2,300	276
TOTAL.	356,300	37,686	7,200	895

NOTE:--THE COMMERCIAL FISHERIES OF NORTH DAKOTA WERE CONFINED TO THE MISSOURI RIVER DRAINAGE AREA.

OHIO

THE COMMERCIAL FISHERIES OF OHIO WERE CONFINED TO THE OHIO RIVER DRAINAGE AREA. LANDINGS CONSISTED OF 500,000 POUNDS OF MUSSEL SHELLS, VALUED AT $27,500. FORTY CASUAL FISHERMEN EMPLOYING 22 MOTOR BOATS FISHED 22 CROWFOOT BARS.

MISSISSIPPI RIVER FISHERIES

OKLAHOMA

OPERATING UNITS BY GEAR, 1971

ITEM	GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-		
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	20	10	20
CASUAL.	26	-	26
TOTAL.	46	10	46
BOATS, MOTOR.	46	10	46
GEAR.	180	25	-

OKLAHOMA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	GILL NETS, ANCHOR, SET, OR STAKE		TRAMMEL NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	105,500	18,990	14,000	2,520
CARP.	18,400	1,840	2,300	230
CATFISH AND BULLHEADS . .	71,100	26,307	9,700	3,589
GARFISH	200	10	-	-
PADDLEFISH.	3,900	546	600	84
QUILLBACK	600	90	100	15
SHEEPSHEAD.	5,600	840	700	105
WHITE BASS.	200	42	-	-
TOTAL	205,500	48,665	27,400	6,543

NOTE:--THE COMMERCIAL FISHERIES OF OKLAHOMA WERE CONFINED TO THE ARKANSAS RIVER DRAINAGE AREA.

SOUTH DAKOTA

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET, OR STAKE	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-			
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	10	11	8	12
CASUAL.	40	25	6	55
TOTAL.	50	36	14	67
BOATS:				
MOTOR	7	13	8	15
OTHER	6	-	-	6
GEAR.	10	500	120	-

SOUTH DAKOTA - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	558,300	55,777	168,100	16,885	505,600	50,538
CARP.	1,060,100	31,806	143,700	4,308	2,900	86
CATFISH AND BULLHEADS . .	7,500	673	187,500	18,197	2,500	630
MOONEYE	-	-	-	-	137,300	48,100
SHEEPSHEAD.	181,900	5,457	4,800	143	-	-
SUCKERS	12,000	480	40,500	1,620	-	-
TOTAL	1,819,800	94,193	544,600	41,153	648,300	99,354

SOUTH DAKOTA - LANDINGS BY WATERS, 1971

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA		RED RIVER OF THE NORTH DRAINAGE AREA, UNCLASSIFIED	
	MISSOURI RIVER DRAINAGE AREA			
	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	1,203,300	120,334	28,700	2,866
CARP.	771,000	23,128	435,700	13,072
CATFISH AND BULLHEADS . .	196,800	19,439	700	61
MOONEYE	137,300	48,100	-	-
SHEEPSHEAD.	5,000	149	181,700	5,451
SUCKERS	40,500	1,620	12,000	480
TOTAL	2,353,900	212,770	658,800	21,930

TENNESSEE

OPERATING UNITS BY GEAR, 1971

ITEM	FYKE AND HOOP NETS		GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS	LINES
	FISH	TURTLE			LONG OR SET WITH HOOKS
	- - - - - - - - - -	- - - - - - - - - -	-NUMBER-	- - - - - - - - - -	- - - - - - - - - -
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	85	9	32	133	146
CASUAL.	140	12	56	153	432
TOTAL	225	21	88	286	578
BOATS, MOTOR.	225	21	88	286	568
GEAR.	1,935	200	181	1,127	4,050

(CONTINUED ON NEXT PAGE)

TENNESSEE - OPERATING UNITS BY GEAR, 1971 - Continued

ITEM	LINES, CONTINUED SNAG	DIP NETS, COMMON	DIVING OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	69	5	5	209
CASUAL.	148	12	7	586
TOTAL.	217	17	12	795
BOATS, MOTOR.	214	9	12	775
GEAR.	722	17	12	-

TENNESSEE - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	FYKE AND HOOP NETS			
	FISH		TURTLE	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	15,400	770	-	-
BUFFALOFISH	206,400	27,846	-	-
CARP.	124,000	6,351	-	-
CATFISH AND BULLHEADS .	90,000	28,375	-	-
CRAPPIE	21,900	6,570	-	-
QUILLBACK	13,600	1,087	-	-
SHEEPSHEAD.	56,400	2,645	-	-
STRUGEON, SHOVELNOSE. .	400	60	-	-
SUCKERS	3,000	268	-	-
YELLOW BASS	7,200	720	-	-
TURTLES:				
SLIDER.	-	-	41,000	1,353
SNAPPER	-	-	16,000	2,400
TOTAL	538,300	74,692	57,000	3,753

SPECIES	GILL NETS, ANCHOR, SET, OR STAKE		TRAMMEL NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	-	-	1,200	60
BUFFALOFISH	150,100	19,092	1,400,200	175,897
CARP.	60,300	2,640	476,400	20,747
CATFISH AND BULLHEADS .	15,000	4,692	221,900	69,540
CRAPPIE	-	-	9,500	2,850
PADDLEFISH.	9,500	993	42,600	4,528
QUILLBACK	24,900	1,671	35,300	1,858
SHEEPSHEAD.	16,500	839	175,400	8,072
SUCKERS	-	-	9,600	604
TURTLES:				
SLIDER.	-	-	4,000	132
SNAPPER	-	-	4,900	565
TOTAL	276,300	29,927	2,381,000	284,853

SPECIES	LINES			
	LONG OR SET WITH HOOKS		SNAG	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	700	35	-	-
BUFFALOFISH	13,700	1,761	13,500	1,791
CARP.	10,500	454	14,400	652
CATFISH AND BULLHEADS .	1,084,800	350,963	116,500	37,170
EEL, COMMON	500	50	-	-
PADDLEFISH.	-	-	54,100	5,503
QUILLBACK	3,800	203	-	-
SHEEPSHEAD.	44,100	2,411	10,000	496
STURGEON, SHOVELNOSE. .	300	45	-	-
TURTLES, SNAPPER. . . .	500	75	-	-
TOTAL	1,158,900	355,997	208,500	45,612

(CONTINUED ON NEXT PAGE)

TENNESSEE - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	DIP NETS, COMMON		DIVING OUTFITS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
MUSSEL SHELLS	-	-	308,600	24,790
TURTLES, BABY	200	1,800	-	-
TOTAL	200	1,800	308,600	24,790

TENNESSEE - LANDINGS BY WATERS, 1971

SPECIES	OHIO RIVER DRAINAGE AREA				MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	-	-	-	-	17,300	865
BUFFALOFISH	1,318,700	161,740	123,000	18,450	342,200	46,197
CARP	400,700	14,877	57,400	4,592	227,500	11,375
CATFISH AND BULLHEADS	1,240,500	402,240	68,700	20,610	219,000	67,890
CRAPPIE	-	-	-	-	31,400	9,420
EEL, COMMON	-	-	500	50	-	-
PADDLEFISH	73,200	6,779	18,900	2,835	14,100	1,410
QUILLBACK	57,300	3,204	12,000	1,200	8,300	415
SHEEPSHEAD	73,200	4,563	12,200	1,220	217,000	8,680
STURGEON, SHOVELNOSE	-	-	-	-	700	105
SUCKERS	10,200	612	1,400	140	1,000	120
YELLOW BASS	-	-	-	-	7,200	720
MUSSEL SHELLS	308,600	24,790	-	-	-	-
TURTLES:						
BABY	-	-	-	-	200	1,800
SLIDER	-	-	-	-	45,000	1,485
SNAPPER	3,400	340	-	-	18,000	2,700
TOTAL	3,485,800	619,145	294,100	49,097	1,148,900	153,182

TEXAS

OPERATING UNITS BY GEAR, 1971

ITEM	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	20	86	14	41	88
CASUAL	39	173	24	143	230
TOTAL	59	259	38	184	318
BOATS, MOTOR	55	231	34	170	276
GEAR	341	1,048	113	551	-

TEXAS - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	300	15	800	44
BUFFALOFISH	79,900	12,406	1,500,000	217,961
CARP.	13,800	690	170,900	7,960
CATFISH AND BULLHEADS . .	17,700	7,080	77,200	30,880
GARFISH	2,000	142	72,700	5,147
PADDLEFISH.	400	32	-	-
QUILLBACK	-	-	6,200	590
SHEEPSHEAD.	5,200	520	37,300	3,730
SUCKERS	800	120	1,200	120
TURTLES, SNAPPER.	-	-	2,400	360
TOTAL	120,100	21,005	1,868,700	266,792

SPECIES	TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	-	-	100	5
BUFFALOFISH	88,800	15,188	1,000	160
CARP.	10,500	525	100	5
CATFISH AND BULLHEADS . .	68,900	27,560	122,400	48,585
GARFISH	4,100	246	1,500	90
SHEEPSHEAD.	8,600	860	7,700	770
TOTAL	180,900	44,379	132,800	49,615

TEXAS - LANDINGS BY WATERS, 1971

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA, RED RIVER DRAINAGE AREA, UNCLASSIFIED		GULF OF MEXICO DRAINAGE AREA	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	400	20	800	44
BUFFALOFISH	275,300	45,518	1,394,400	200,197
CARP.	23,700	1,225	171,600	7,955
CATFISH AND BULLHEADS . .	286,200	114,105	-	-
GARFISH	16,000	967	64,300	4,658
PADDLEFISH.	400	32	-	-
QUILLBACK	-	-	6,200	590
SHEEPSHEAD.	32,000	3,200	26,800	2,680
SUCKERS	800	120	1,200	120
TURTLES, SNAPPER.	700	105	1,700	255
TOTAL.	635,500	165,292	1,667,000	216,499

WISCONSIN

OPERATING UNITS BY GEAR, 1971

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	WEIRS	TRAP NETS	FYKE AND HOOP NETS, FISH	SLAT TRAPS
	-NUMBER-					
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	84	4	6	19	37	18
CASUAL.	95	-	2	8	22	25
TOTAL.	179	4	8	27	59	43
BOATS:						
MOTOR	92	1	5	12	44	31
OTHER	53	-	-	-	-	-
GEAR.	53	1	3	99	1,015	932

ITEM	GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	ELECTRICAL DEVICES	TOTAL, EX-CLUSIVE OF DUPLICATION
	-NUMBER-				
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	51	-	17	2	149
CASUAL.	107	7	341	-	578
TOTAL.	158	7	358	2	727
BOATS:					
MOTOR	102	4	334	2	537
OTHER	2	-	-	-	55
GEAR.	113	4	321	2	-

WISCONSIN - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, FISH		WEIRS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN.	2,300	141	-	-	-	-
BUFFALOFISH	486,400	72,980	(1)	5	-	-
BURBOT.	40,500	6,122	11,200	1,692	-	-
CARP.	5,051,400	162,923	155,000	5,562	175,900	6,311
CATFISH AND BULLHEADS .	20,800	4,876	-	-	3,200	368
GARFISH	6,000	170	-	-	-	-
GIZZARD SHAD.	3,400	106	-	-	-	-
MOONEYE	3,100	92	-	-	-	-
QUILLBACK	15,300	305	-	-	-	-
SHEEPSHEAD.	928,900	59,263	831,200	26,315	-	-
STURGEON, SHOVELNOSE. .	3,800	798	-	-	-	-
SUCKERS	47,800	1,840	2,000	89	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION AND ANIMAL FOOD	300	(1)	-	-	-	-
TURTLES, SNAPPER. . . .	800	221	-	-	-	-
TOTAL.	6,610,800	309,837	999,400	33,663	179,100	6,679

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

WISCONSIN - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	TRAP NETS		FYKE AND HOOP NETS, FISH		SLAT TRAPS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	900	33	1,400	27	(1)	1
BUFFALOFISH	32,000	4,825	151,000	22,668	400	58
BURBOT	17,700	2,679	-	-	-	-
CARP	396,600	14,232	79,900	2,559	400	11
CATFISH AND BULLHEADS	45,800	5,267	124,700	32,316	42,500	11,497
EEL, COMMON	-	-	200	34	(1)	3
GARFISH	500	18	2,000	39	-	-
MOONEYE	100	3	100	4	-	-
QUILLBACK	-	-	4,500	90	-	-
SHEEPSHEAD	104,100	3,298	39,600	2,766	700	50
STURGEON, SHOVELNOSE	-	-	900	176	100	16
SUCKERS	23,100	1,029	15,500	389	300	7
TURTLES, SNAPPER	-	-	2,300	433	(1)	1
TOTAL	620,800	31,384	422,100	61,501	44,400	11,644

SPECIES	GILL NETS, ANCHOR, SET, OR STAKE		TRAMMEL NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	200	4	(1)	1
BUFFALOFISH	270,000	40,499	2,700	407
CARP	879,100	26,408	2,500	74
CATFISH AND BULLHEADS	8,500	2,407	700	198
GARFISH	1,900	38	2,600	53
MOONEYE	200	7	-	-
QUILLBACK	4,500	91	400	9
SHEEPSHEAD	27,300	1,913	400	23
STURGEON, SHOVELNOSE	(1)	9	-	-
SUCKERS	3,000	75	500	12
TURTLES, SNAPPER	1,400	257	-	-
TOTAL	1,196,100	71,708	9,800	777

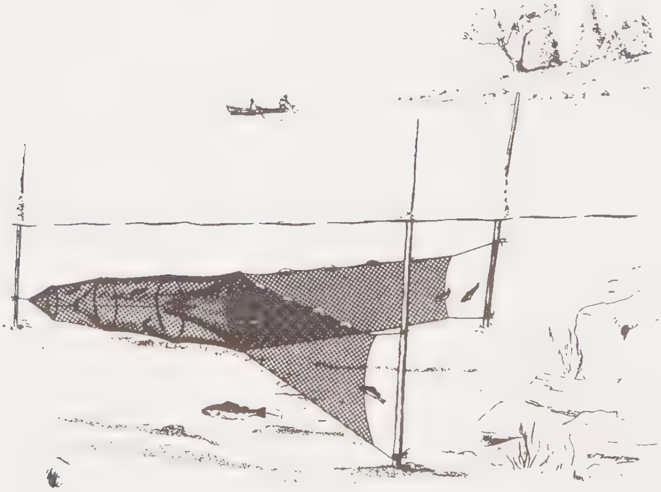
SPECIES	LINES, LONG OR SET WITH HOOKS		ELECTRICAL DEVICES	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	2,600	53	-	-
BUFFALOFISH	3,300	485	-	-
CARP	56,700	1,701	300	12
CATFISH AND BULLHEADS	338,800	92,740	-	-
EEL, COMMON	200	39	-	-
GARFISH	800	15	-	-
MOONEYE	300	9	-	-
QUILLBACK	100	1	-	-
SHEEPSHEAD	57,500	4,027	-	-
STURGEON, SHOVELNOSE	1,000	215	-	-
SUCKERS	4,400	109	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION AND ANIMAL FOOD	100	(1)	-	-
TURTLES, SNAPPER	3,800	699	-	-
TOTAL	469,600	100,093	300	12

1/ LESS THAN 50 POUNDS OR 50 CENTS.

WISCONSIN - LANDINGS BY WATERS, 1971

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA				NORTHERN DRAINAGE AREA UNCLASSIFIED	
	MISSISSIPPI RIVER PROPER		UNCLASSIFIED			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	5,700	115	800	112	900	33
BUFFALOFISH	565,300	84,640	380,500	57,279	(1)	8
BURBOT	-	-	-	-	69,400	10,493
CARP	4,112,600	123,427	1,394,500	50,047	1,290,700	46,319
CATFISH AND BULLHEADS	530,300	143,378	-	-	54,700	6,291
EEL, COMMON	400	76	-	-	-	-
GARFISH	9,500	190	3,100	99	1,200	44
GIZZARD SHAD	-	-	3,400	106	-	-
MOONEYE	3,200	96	500	16	100	3
QUILLBACK	24,800	496	-	-	-	-
SHEEPSHEAD	904,000	63,278	24,700	785	1,061,000	33,592
STURGEON, SHOVELNOSE	5,800	1,214	-	-	-	-
SUCKERS	38,600	965	10,700	477	47,300	2,108
UNCLASSIFIED, FOR BAIT, REDUCTION AND ANIMAL FOOD	400	(1)	-	-	-	-
TURTLES, SNAPPER	8,300	1,575	(1)	36	-	-
TOTAL	6,208,900	419,450	1,818,200	108,957	2,525,300	98,891

1/ LESS THAN 50 POUNDS OR 50 CENTS.



Fyke net

GREAT LAKES AND MISSISSIPPI RIVER LANDINGS, BY STATES, 1971

STATE	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALABAMA	-	-	3,365	544	3,365	544
ARKANSAS	-	-	9,428	1,948	9,428	1,948
IDAHO	-	-	1,329	317	1,329	317
ILLINOIS	656	164	4,885	570	5,541	734
INDIANA	785	144	119	29	904	173
IOWA	-	-	3,369	348	3,369	348
KANSAS	-	-	39	11	39	11
KENTUCKY	-	-	2,824	533	2,824	533
LOUISIANA	-	-	10,420	1,873	10,420	1,873
MICHIGAN	15,592	2,744	-	-	15,592	2,744
MINNESOTA	3,105	199	8,445	903	11,550	1,102
MISSISSIPPI	-	-	3,673	669	3,673	669
MISSOURI	-	-	773	148	773	148
MONTANA	-	-	705	110	705	110
NEBRASKA	-	-	174	12	174	12
NEW YORK	487	140	-	-	487	140
NORTH DAKOTA	-	-	363	39	363	39
OHIO	8,111	1,403	500	28	8,611	1,431
OKLAHOMA	-	-	233	55	233	55
PENNSYLVANIA	377	106	-	-	377	106
SOUTH DAKOTA	-	-	3,013	235	3,013	235
TENNESSEE	-	-	4,929	821	4,929	821
TEXAS	-	-	2,302	382	2,302	382
WISCONSIN	34,807	1,728	10,552	627	45,359	2,355
TOTAL	63,920	6,628	71,440	10,202	135,360	16,830

NOTE:--INCLUDES LANDINGS IN THE INTERNATIONAL LAKES OF NORTHERN MINNESOTA.

MISSISSIPPI RIVER FISHERIES

GREAT LAKES AND MISSISSIPPI RIVER LANDINGS, BY SPECIES, 1971

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	29,654	305	-	-	29,654	305
BLUE PIKE	(1)	(1)	-	-	(1)	(1)
BOWFIN	(1)	(1)	165	7	165	7
BUFFALOFISH	13	2	21,640	3,070	21,653	3,072
BURBOT	315	8	166	14	481	22
CARP	7,288	341	18,060	687	25,348	1,028
CATFISH AND BULLHEADS	1,162	414	13,625	3,781	14,787	4,195
CHUBS	7,523	1,481	(1)	(1)	7,523	1,481
CRAPPIE	55	22	31	9	86	31
EEL, COMMON	38	9	2	(1)	40	9
GARFISH	-	-	758	55	758	55
GIZZARD SHAD	1	(1)	821	26	822	26
GOLDFISH	80	4	-	-	80	4
LAKE HERRING	1,190	166	-	-	1,190	166
LAKE TROUT	270	153	-	-	270	153
MOONEYE OR GOLDEYE	-	-	347	98	347	98
PADDLEFISH	-	-	579	68	579	68
PIKE OR PICKEREL	96	11	73	15	169	26
QUILLBACK	49	2	326	24	375	26
ROCK BASS	16	4	-	-	16	4
SALMON:						
RED OR SOCKEYE	-	-	507	279	507	279
SILVER OR COHO	5	3	-	-	5	3
SAUGER	18	4	-	-	18	4
SHAD	-	-	805	25	805	25
SHEEPSHEAD	849	59	5,228	356	6,077	415
SMELT	3,580	116	-	-	3,580	116
STURGEON, SHOVELNOSE	-	-	58	17	58	17
SUCKERS	1,807	54	1,270	62	3,077	116
SUNFISH	12	3	-	-	12	3
TULLIBEE	623	22	1	(1)	624	22
WHITE BASS	1,001	233	29	4	1,030	237
WHITEFISH:						
COMMON	3,751	1,824	177	50	3,928	1,874
MENOMINEE	203	41	-	-	203	41
WHITE PERCH	84	25	-	-	84	25
YELLOW BASS	-	-	7	1	7	1
YELLOW PERCH	4,023	1,221	194	70	4,217	1,291
YELLOW PIKE	214	101	489	286	703	387
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	(1)	(1)	(1)	(1)
CRAWFISH	-	-	5,017	1,077	5,017	1,077
SHRIMP	-	-	2	1	2	1
MUSSEL SHELLS	-	-	809	53	809	53
TURTLES:						
BABY	-	-	2	17	2	17
SLIDER	-	-	64	2	64	2
SNAPPER	-	-	167	36	167	36
FROGS	-	-	21	12	21	12
TOTAL	63,920	6,628	71,440	10,202	135,360	16,830

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--INCLUDES LANDINGS IN THE INTERNATIONAL LAKES OF NORTHERN MINNESOTA.

SECTION 10 - HAWAII FISHERIES

Landings of commercially caught fish and shellfish in the State of Hawaii were 16.9 million pounds worth $5.2 million--a gain of 5.8 million pounds and $1.3 million compared with 1970. Landings of 14.7 million pounds of tuna (principally skipjack) increased 72 percent. Skipjack tuna landings of 13.3 million pounds were 6.0 million more than in 1970, and the best since 1965. Landings of albacore, little, and yellowfin tuna increased moderately, but landings of bluefin tuna declined.

Fishery products were landed at six of the eight principal islands that form the State of Hawaii. Oahu led the islands with a production of 13.7 million pounds. Maui was next with 1.6 million pounds, followed by the Island of Hawaii with 1.2 million. The rest of the landings were made at Kauai, Molokai, and Lanai. In 1971, 1,539 fishermen operated 91 vessels of 5 net tons or more, 773 motor boats, and 39 other boats.

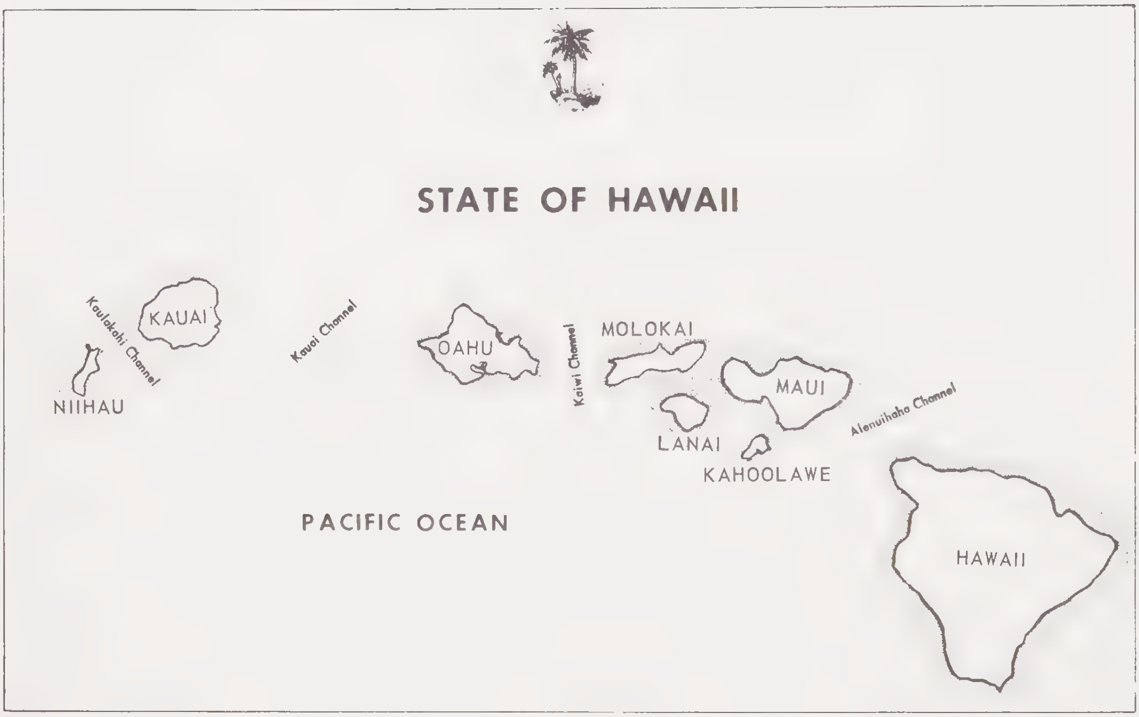
In 1971, six scientists working from the NOAA ship *Townsend Cromwell*, assigned to the Hawaii laboratory of the Southwest Fisheries Center, made an extensive bait survey among the Caroline, Mariana, and Marshall Islands. Traveling 11,925 nautical miles, the *Cromwell* stopped at islands and atolls throughout the vast area to determine availability and abundance of baitfish species suitable for the surface pole-and-line skipjack tuna fishery and for live-bait purse seining. The scientists also collected baitfish specimens to provide biological information needed by the people of the islands for management of the bait resources. In addition, they investigated current systems of the Mariana Ridge area as possible mechanisms separating the central and western skipjack tuna stocks.

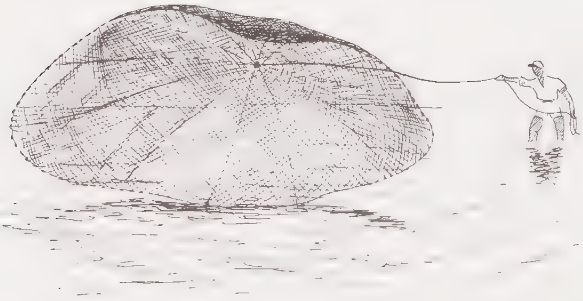
Two new ships were added to the Hawaii tuna fleet in 1971. The first, the *Anela*, an 87-foot steel-hulled vessel, is the first addition to the skipjack tuna fleet since 1955. With a cruising range of 2,000 miles at a speed of 13.8 knots, the *Anela* should be able to make long trips and possibly discover new skipjack tuna grounds. Her first fishing trip was an exploratory fishing charter to NMFS in the vicinity of the Marshall and Samoa Islands. The other vessel, the *Lawaia*, is 76 feet with a hull and superstructure of aluminum alloy. Rigged as a longliner, the *Lawaia* has a spray brine refrigeration system that will accommodate 15 tons of chilled fresh tuna or 20 tons of frozen tuna.

The following tables contain summarized and detailed information on the 1971 operating units and landings by islands of the State of Hawaii. Condensed summary data on the operating units and landings of Hawaii, appearing in the following pages, have been published previously in Current Fishery Statistics No. 6233.

The data in this section were assembled and prepared for publication by the NMFS area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Land and Natural Resources, Division of Fish and Game.

HAWAII FISHERIES


STATE OF HAWAII
KAUAI
Kaulakahi Channel
NIIHAU
Kauai Channel
OAHU
Kaiwi Channel
MOLOKAI
MAUI
LANAI
KAHOOLAWE
Alenuihaha Channel
HAWAII
PACIFIC OCEAN



Cast net

HAWAII FISHERIES

SUMMARY OF LANDINGS, 1971

ISLAND	FISH		SHELLFISH ET AL.		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAWAII.	1,227	516	20	15	1,247	531
MOLOKAI	7	3	4	3	11	7
OAHU.	13,519	4,088	191	161	13,711	4,249
KAUAI	276	121	5	7	282	128
MAUI.	1,598	304	18	16	1,616	320
LANAI	7	4	(1)	(1)	7	4
TOTAL	16,634	5,036	239	202	16,873	5,238

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1971

ITEM	TOTAL
	NUMBER
FISHERMEN:	
ON VESSELS.	355
ON BOATS AND SHORE. . . .	1,178
TOTAL	1,533
VESSELS, MOTOR.	89
GROSS TONNAGE	2,475
BOATS:	
MOTOR	773
OTHER	39

NOTE:--DATA ARE NOT AVAILABLE ON THE NUMBER OF GEAR USED IN THE HAWAII FISHERIES. THERE WERE 44 FISHERY WHOLESALING AND PROCESSING ESTABLISHMENTS IN THE STATE OF HAWAII IN 1971.

HAWAII - LANDINGS BY SPECIES, 1971

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS
FISH			
OCEAN CATCH:			
AMBERJACK	KAHALA.	82,088	35,175
BARRACUDA	KAKU.	4,051	1,445
BARRACUDA, JAPANESE	KAWELEA	4,174	2,597
BIGEYE SCAD	AKULE	737,387	344,109
BONEFISH.	OIO	10,857	3,634
CREVALLE:			
	OMAKA	964	855
BLUE.	OMILU	1,272	1,021
JACK.	ULUA.	58,147	32,961
DAMSELFISH.	MAOMAO.	1,436	947
DOLPHIN	MAHIMAHI.	90,752	73,771
EELS:			
CONGER.	PUHI.	967	172
MORAY	PUHI.	7,285	507
GOATFISHES:			
	KUMU.	5,999	8,626
	MALU.	218	148
	MOANO	12,326	9,252
	MOELUA.	4,822	3,607
	WEKE.	31,106	12,924
	WEKE-ULA.	17,488	14,536
MACKEREL SCAD . . .	OPELU	223,506	138,003
MARLIN:			
BLACK	A'U	2,224	1,472
BLUE.	A'U	46,968	21,883
SAILFISH.	A'U LEPE.	969	312
SHORTBILL	A'U	5,140	1,495
STRIPED	A'U	169,002	122,507

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY SPECIES, 1971 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS
OCEAN CATCH CONTINUED:	FISH - CONTINUED		
MILKFISH	AWA	8,601	2,775
MOUNTAIN BASS	AHOLEHOLE	3,109	2,882
MULLET	AMAAMA	13,856	18,056
PARROT FISH	UHU	3,288	1,474
RED BIGEYE	AWEOWEO	3,003	1,694
RUDDERFISH	NENUE	4,725	2,196
RUNNER	LAE	1,025	267
SARDINE	MAKIAWA	118	45
SEA BASS, BLACK	HAPUUPUU	49,144	35,601
SNAPPERS:			
GRAY	UKU	47,800	29,693
PINK	KALIKALI	6,898	7,228
PINK	OPAKAPAKA	78,602	67,340
RED	ULAULA OR EHU	21,073	27,791
RED	ULAULA KOAE	47,596	70,941
SPOT	A'AWA	1,010	174
SQUIRRELFISH	UU	19,520	16,888
SURGEON FISH:			
	KALA	15,450	2,733
	MAIKO	363	192
	PALANI	11,145	3,193
	PUALU	5,026	1,394
SWORDFISH, BROADBILL	A'U	2,350	796
TANG:			
CONVICT	MANINI	8,499	5,856
ORANGE SPOT	NAENAE	1,360	317
TENPOUNDER	AWAAWA	1,781	536
THREADFIN	MOI	7,731	9,983
TRIGGERFISH	HUMUHUMU	1,881	616
TUNA:			
ALBACORE	AHIPALAHA	23,414	11,078
BIGEYE AND BLUEFIN	AHI	472,268	568,124
LITTLE	KAWAKAWA	23,123	7,038
SKIPJACK	AKU	13,330,945	2,752,709
YELLOWFIN	AHI	826,586	517,114
TOTAL TUNA		14,676,336	3,856,063
WAHOO	ONO	30,111	12,038
UNCLASSIFIED		28,104	16,745
TOTAL FISH		16,618,653	5,027,466
	SHELLFISH ET AL.		
CRABS:			
	KONA	48,707	70,141
	KUAHONU	42,554	50,754
	MOALA	117	78
	PAPAI	5,921	3,398
	SAMOAN	41	58
LIMPET	OPIHI	2,635	13,326
LOBSTERS:			
SLIPPER	ULAPAPAPA	90	107
SPINY	ULA	5,725	7,895
OCTOPUS	HEE	8,399	7,924
SEAWEED	LIMU	88,813	28,367
SHRIMP	OPAE	2,230	3,177
SQUID	MUHEE	14,065	6,259
TREPANG (SEA CUCUMBER)		437	547
TURTLE	HONU	19,204	9,851
UNCLASSIFIED		56	56
TOTAL SHELLFISH ET AL.		238,994	201,938
TOTAL OCEAN CATCH		16,857,647	5,229,404
POND CATCH: 1/	FISH		
BARRACUDA	KAKU	700	609
BONEFISH	OIO	3,496	1,311
CREVALLE, JACK	ULUA	585	468
MILKFISH	AWA	8,047	4,026
MOUNTAIN BASS	AHOLEHOLE	194	119
MULLET	AMAAMA	1,198	1,524
RUNNER	LAE	547	110
TENPOUNDER	AWAAWA	238	84
THREADFIN	MOI	19	15
UNCLASSIFIED		358	149
TOTAL FISH		15,382	8,415

SEE FOOTNOTES AT END OF TABLE.

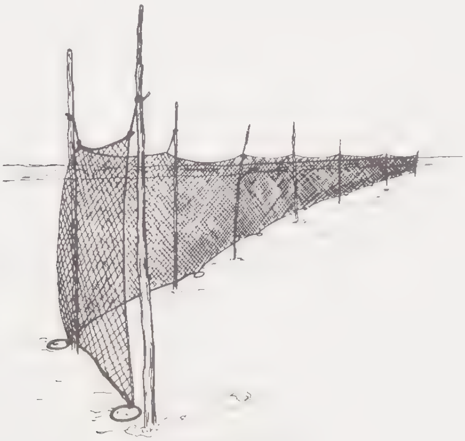
(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY SPECIES, 1971 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS
POND CATCH 1/ CONTINUED:	SHELLFISH		
CRABS:			
	KUAHONU	73	63
	MOALA	3	1
	SAMOAN	177	161
TOTAL SHELLFISH		253	225
TOTAL POND CATCH		15,635	8,640
GRAND TOTAL		16,873,282	5,238,044

1/ SALTWATER.

NOTE:--LANDINGS OF FISH, CRUSTACEANS, AND SUCH MOLLUSKS AS SQUID AND OCTOPUS ARE SHOWN IN ROUND (LIVE) WEIGHT. DATA ON UNIVALVE MOLLUSKS (LIMPETS) REPRESENT THE WEIGHT OF MEATS EXCLUDING THE SHELL. THE WEIGHT OF MEATS FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.



Stake gill net

HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1971

ITEM	HAWAII						
	POTS AND TRAPS	GILL NETS	LINES				LIFT NETS
			HAND	POLE AND LINE	TROLL	LONG OR SET WITH HOOKS	
	NUMBER						
FISHERMEN:							
ON VESSELS.	-	-	-	14	23	25	-
ON BOATS AND SHORE. . . .	6	32	245	4	88	10	26
TOTAL	6	32	245	18	111	35	26
VESSELS, MOTOR.	-	-	4	2	19	4	-
GROSS TONNAGE	-	-	56	90	362	82	-
BOATS:							
MOTOR	6	27	186	1	82	4	10
OTHER	-	2	34	-	2	-	3

ITEM	HAWAII - CONTINUED					
	CAST NETS	BY HAND	SPEARS	POND 1/	MISCELLANEOUS GEAR	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER					
FISHERMEN:						
ON VESSELS.	-	-	-	-	-	60
ON BOATS AND SHORE. . . .	17	18	1	2	8	320
TOTAL	17	18	1	2	8	380
VESSELS, MOTOR.	-	-	-	-	-	25
GROSS TONNAGE	-	-	-	-	-	508
BOATS:						
MOTOR	8	2	1	-	4	230
OTHER	-	1	-	-	1	35

ITEM	MOLOKAI					
	POTS AND TRAPS	GILL NETS	LINES		BY HAND	SPEARS
			HAND	TROLL		
	NUMBER					
FISHERMEN, ON BOATS AND SHORE.	1	19	7	4	1	1
BOATS, MOTOR.	1	8	4	3	-	1

ITEM	MOLOKAI - CONTINUED			OAHU		
	POND 1/	MISCELLANEOUS GEAR	TOTAL, EXCLUSIVE OF DUPLICATION	HAUL SEINES	BAG NETS	POTS AND TRAPS
	NUMBER					
FISHERMEN:						
ON VESSELS.	-	-	-	-	29	-
ON BOATS AND SHORE. . . .	2	7	36	116	1	58
TOTAL	2	7	36	116	30	58
VESSELS, MOTOR.	-	-	-	-	2	-
GROSS TONNAGE	-	-	-	-	55	-
BOATS, MOTOR.	-	-	14	11	1	33

ITEM	OAHU - CONTINUED					
	GILL NETS	LINES				LIFT NETS
		HAND	POLE AND LINE	TROLL	LONG OR SET WITH HOOKS	
	NUMBER					
FISHERMEN:						
ON VESSELS.	30	18	116	33	81	1
ON BOATS AND SHORE. . . .	165	228	4	47	6	6
TOTAL	195	246	120	80	87	7
VESSELS, MOTOR.	3	10	11	14	19	-
GROSS TONNAGE	70	144	541	488	653	-
BOATS:						
MOTOR	17	181	4	36	4	4
OTHER	1	1	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1971 - Continued

ITEM	OAHU - CONTINUED					
	CAST NETS	BY HAND	SPEARS	POND 1/	MISCELLANEOUS GEAR	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER					
FISHERMEN:						
ON VESSELS.	-	-	-	-	-	274
ON BOATS AND SHORE. . . .	13	6	16	3	95	538
TOTAL	13	6	16	3	95	812
VESSELS, MOTOR.	-	-	-	-	-	62
GROSS TONNAGE	-	-	-	-	-	1,869
BOATS:						
MOTOR	6	2	8	1	33	332
OTHER	-	-	-	-	-	1

ITEM	KAUAI					
				LINES		
	HAUL SEINES	BAG NETS	GILL NETS	HAND	POLE AND LINE	TROLL
	NUMBER					
FISHERMEN:						
ON VESSELS.	-	5	-	6	5	-
ON BOATS AND SHORE. . . .	5	-	26	50	-	38
TOTAL	5	5	26	56	5	38
VESSELS, MOTOR.	-	1	-	2	1	-
GROSS TONNAGE	-	31	-	26	31	-
BOATS:						
MOTOR	1	-	20	47	-	37
OTHER	-	-	2	-	-	-

ITEM	KAUAI - CONTINUED					
	LINES - CONTINUED					
	LONG OR SET WITH HOOKS	LIFT NETS	CAST NETS	BY HAND	SPEARS	MISCELLANEOUS GEAR
	NUMBER					
FISHERMEN, ON BOATS AND SHORE.	1	2	6	2	2	3
BOATS:						
MOTOR	1	2	2	2	1	-
OTHER	-	-	1	-	-	-

ITEM	KAUAI-CONTINUED	MAUI				
					LINES	
	TOTAL, EXCLUSIVE OF DUPLICATION	HAUL SEINES	POTS AND TRAPS	GILL NETS	HAND	POLE AND LINE
	NUMBER					
FISHERMEN:						
ON VESSELS.	6	-	-	-	12	21
ON BOATS AND SHORE. . . .	90	22	3	46	108	2
TOTAL	96	22	3	46	120	23
VESSELS, MOTOR.	2	-	-	-	-	2
GROSS TONNAGE	57	-	-	-	-	105
BOATS:						
MOTOR	74	3	2	26	93	-
OTHER	3	-	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

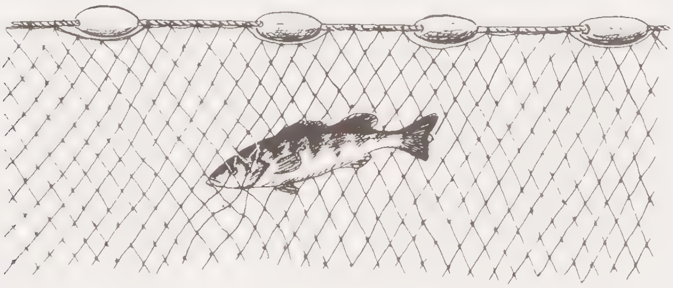
HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1971 - Continued

ITEM	MAUI - CONTINUED						
	LINES - CONTINUED	LIFT NETS	CAST NETS	BY HAND	SPEARS	MISCELLANEOUS GEAR	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL						
	NUMBER						
FISHERMEN:							
ON VESSELS.	-	-	-	-	-	-	21
ON BOATS AND SHORE. . . .	16	12	10	16	8	23	176
TOTAL	16	12	10	16	8	23	197
VESSELS, MOTOR.	-	-	-	-	-	-	2
GROSS TONNAGE	-	-	-	-	-	-	105
BOATS, MOTOR.	15	12	7	1	3	3	114

ITEM	LANAI						
	GILL NETS	LINES			CAST NETS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
		HAND	POLE AND LINE	TROLL			
	NUMBER						
FISHERMEN, ON BOATS AND SHORE.	3	13	4	9	2	1	18
BOATS, MOTOR.	-	9	1	7	-	-	9

1/ SEINES, MISCELLANEOUS NETS, AND BY HAND.

NOTE:--DATA ARE INCOMPLETE, NUMBER AND QUANTITY OF GEAR NOT AVAILABLE.



Gill net

HAWAII FISHERIES

HAWAII - LANDINGS BY ISLANDS, 1971

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH:	FISH						
AMBERJACK	KAHALA	38,096	14,638	-	-	33,435	15,529
BARRACUDA	KAKU	630	218	10	3	2,784	1,024
BARRACUDA, JAPANESE	KAWELEA	3,507	2,328	-	-	291	146
BIGEYE SCAD	AKULE	36,765	22,957	156	80	481,145	234,186
BONEFISH	OIO	966	333	82	30	5,285	2,070
CREVALLE:							
	OMAKA	213	89	-	-	751	766
BLUE	OMILU	-	-	-	-	906	685
JACK	ULUA	6,817	3,608	982	809	40,096	22,600
DAMSELFISH	MAOMAO	59	32	-	-	1,377	915
DOLPHIN	MAHIMAHI	16,024	10,823	35	30	70,829	60,398
EELS:							
CONGER	PUHI	10	4	-	-	957	168
MORAY	PUHI	-	-	-	-	7,285	507
GOATFISHES:							
	KUMU	874	1,126	10	8	4,657	7,070
	MALU	-	-	-	-	218	148
	MOANO	3,340	2,666	-	-	8,905	6,539
	MOELUA	-	-	210	199	-	-
	WEKE	484	337	3,645	1,208	21,583	9,392
	WEKE-ULA	1,054	1,224	-	-	14,996	12,188
MACKEREL SCAD	OPELU	157,729	86,966	-	-	45,977	39,342
MARLIN:							
BLACK	A'U	1,689	758	-	-	535	714
BLUE	A'U	28,406	7,755	-	-	18,162	13,729
SAILFISH	A'U LEPE	742	244	-	-	227	68
SHORTBILL	A'U	41	10	-	-	5,099	1,485
STRIPED	A'U	15,438	7,698	-	-	152,973	114,537
MILKFISH	AWA	61	22	-	-	6,090	2,013
MOUNTAIN BASS	AHOLEHOLE	168	186	60	36	1,487	1,387
MULLET	AMAAMA	420	573	324	425	11,039	14,659
PARROT FISH	UHU	1,444	620	-	-	1,336	644
RED BIGEYE	AWEOWEO	1,342	804	5	2	686	379
RUDDERFISH	NENUE	1,045	502	-	-	857	304
RUNNER	LAE	-	-	-	-	91	21
SARDINE	MAKIAWA	72	29	-	-	14	8
SEA BASS, BLACK	HAPUUPUU	1,869	1,203	-	-	42,944	32,043
SNAPPERS:							
GRAY	UKU	4,403	2,703	28	21	35,733	22,063
PINK	KALIKALI	1,642	1,337	-	-	5,218	5,862
PINK	OPAKAPAKA	10,413	8,098	-	-	31,338	31,015
RED	ULAULA OR EHU	4,645	5,567	-	-	14,762	20,912
RED	ULAULA KOAE	4,894	5,350	-	-	40,335	63,014
SPOT	A'AWA	660	103	-	-	165	2
SQUIRRELFISH	UU	12,473	10,407	116	67	5,680	5,469
SURGEON FISH:							
	KALA	347	67	265	36	13,215	2,132
	MAIKO	334	171	-	-	29	21
	PALANI	88	24	-	-	10,526	2,996
	PUALU	7	2	-	-	4,774	1,289
SWORDFISH, BROADBILL	A'U	-	-	-	-	2,350	796
TANG:							
CONVICT	MANINI	2,507	1,434	-	-	3,040	2,328
ORANGE SPOT	NAENAE	-	-	-	-	1,145	237
TENPOUNDER	AWAAWA	-	-	-	-	1,673	504
THREADFIN	MOI	330	410	35	31	1,805	2,835
TRIGGERFISH	HUMUHUMU	1,303	277	-	-	578	339
TUNA:							
ALBACORE	AHIPALAHA	1,291	590	-	-	22,123	10,488
BIGEYE AND BLUEFIN	AHI	31,822	26,779	-	-	438,910	540,519
LITTLE	KAWAKAWA	669	279	140	84	17,012	4,643
SKIPJACK	AKU	363,849	41,215	-	-	11,491,227	2,484,718
YELLOWFIN	AHI	442,082	231,551	-	-	357,292	272,404
TOTAL TUNA		839,713	300,414	140	84	12,326,564	3,312,772
WAHOO	ONO	12,928	5,557	-	-	11,023	3,618
UNCLASSIFIED		10,394	5,814	6	5	11,503	6,352
TOTAL FISH		1,226,386	515,488	6,109	3,074	13,504,473	4,080,244
	SHELLFISH, ET AL.						
CRABS:							
	KONA	1,715	1,683	-	-	44,230	65,832
	KUAHONU	166	167	-	-	42,335	50,540
	MOALA	-	-	-	-	117	78
	PAPAI	2,576	1,554	-	-	3,260	1,779
	SAMOAN	-	-	-	-	41	58

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY ISLANDS, 1971 - Continued

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH CONTINUED:	SHELLFISH, ET AL. - CONTINUED						
LIMPET 2/	OPIHI	857	4,426	-	-	15	103
LOBSTERS:							
SLIPPER	ULAPAPAPA	-	-	-	-	90	107
SPINY	ULA	70	106	-	-	5,371	7,417
OCTOPUS	HEE	82	95	2,531	2,402	4,401	4,151
SEAWEED	LIMU	77	214	-	-	88,477	27,416
SHRIMP	OPAE	-	-	-	-	1,743	2,292
SQUID	MUHEE	12,699	4,960	-	-	-	-
TREPANG (SEA CUCUMBER)		-	-	-	-	420	526
TURTLE	HONU	2,105	1,579	1,680	674	755	123
UNCLASSIFIED		56	56	-	-	-	-
TOTAL SHELLFISH, ET AL.		20,403	14,840	4,211	3,076	191,255	160,422
TOTAL OCEAN CATCH		1,246,789	530,328	10,320	6,150	13,695,728	4,240,666
POND CATCH: 3/	FISH						
BARRACUDA	KAKU	-	-	25	13	675	596
BONEFISH	OIO	-	-	175	88	3,321	1,223
CREVALLE, JACK	ULUA	-	-	-	-	585	468
MILKFISH	AWA	-	-	-	-	8,047	4,026
MOUNTAIN BASS	AHOLEHOLE	-	-	-	-	194	119
MULLET	AMAAMA	255	321	261	280	682	923
RUNNER	LAE	-	-	-	-	547	110
TENPOUNDER	AWAAWA	-	-	-	-	238	84
THREADFIN	MOI	-	-	-	-	19	15
UNCLASSIFIED		-	-	-	-	358	149
TOTAL FISH		255	321	461	381	14,666	7,713
	SHELLFISH						
CRABS:							
	KUAHONU	-	-	30	24	43	39
	MOALA	-	-	25	25	152	136
	SAMOAN	-	-	-	-	3	1
TOTAL SHELLFISH		-	-	55	49	198	176
TOTAL POND CATCH		255	321	516	430	14,864	7,889
GRAND TOTAL		1,247,044	530,649	10,836	6,580	13,710,592	4,248,555

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH:	FISH						
AMBERJACK	KAHALA	7,575	3,789	2,964	1,211	18	8
BARRACUDA	KAKU	123	48	419	111	85	41
BARRACUDA, JAPANESE	KAWELEA	23	8	353	115	-	-
BIGEYE SCAD	AKULE	189,905	71,063	27,683	14,650	1,733	1,173
BONEFISH	OIO	3,405	917	1,104	279	15	5
CREVALLE:							
BLUE	OMILU	312	305	54	31	-	-
JACK	ULUA	4,099	1,850	6,088	4,048	65	46
DOLPHIN	MAHIMAHI	1,926	1,064	1,893	1,435	45	21
GOATFISHES:							
	KUMU	39	40	402	372	17	10
	MOANO	2	1	78	45	1	1
	MOELUA	-	-	4,612	3,408	-	-
	WEKE	2,329	1,013	3,040	966	25	8
	WEKE-ULA	1,438	1,124	-	-	-	-
MACKEREL SCAD	OPELU	7,668	3,450	12,092	8,221	40	24
MARLIN:							
BLUE	A'U	300	351	100	48	-	-
STRIPED	A'U	518	254	73	18	-	-
MILKFISH	AWA	216	81	2,234	659	-	-
MOUNTAIN BASS	AHOLEHOLE	108	102	1,245	1,144	41	27
MULLET	AMAAMA	1,855	2,180	218	219	-	-
PARROT FISH	UHU	159	82	349	128	-	-
RED BIGEYE	AWEOWEO	784	429	180	76	6	4
RUDDERFISH	NENUE	2,276	1,128	547	262	-	-
RUNNER	LAE	2	(1)	915	242	17	4
SARDINE	MAKIAWA	-	-	32	8	-	-
SEA BASS, BLACK	HAPUUPUU	2,958	1,544	1,359	801	14	10

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY ISLANDS, 1971 - Continued

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH CONTINUED:	FISH - CONTINUED						
SNAPPERS:							
GRAY	UKU	4,395	2,396	3,225	2,499	16	11
PINK	KALIKALI	38	29	-	-	-	-
PINK	OPAKAPAKA	133	94	36,706	28,126	12	7
RED	ULAULA OR EHU	897	678	769	634	-	-
RED	ULAULA KOAE	63	59	2,304	2,518	-	-
SPOT	A'AWA	3	2	182	43	-	-
SQUIRRELFISH	UU	319	290	408	317	524	338
SURGEON FISH:							
	KALA	481	180	1,142	318	-	-
	PALANI	13	6	508	165	10	2
	PUALU	-	-	245	103	-	-
TANG:							
CONVICT	MANINI	1,743	1,088	794	692	415	314
ORANGE SPOT	NAENAE	-	-	215	80	-	-
TENPOUNDER	AWAAWA	-	-	90	27	18	5
THREADFIN	MOI	4,920	6,072	619	619	22	16
TUNA:							
BIGEYE AND BLUEFIN	AHI	1,474	786	62	40	-	-
LITTLE	KAWAKAWA	1,928	782	1,008	202	2,366	1,048
SKIPJACK	AKU	2,775	1,204	1,471,382	224,778	1,712	794
YELLOWFIN	AHI	21,394	11,708	5,804	1,443	14	8
TOTAL TUNA		27,571	14,480	1,478,256	226,463	4,092	1,850
WAHOO	ONO	4,850	2,139	1,285	711	25	13
UNCLASSIFIED		2,927	2,467	3,256	2,099	18	8
TOTAL FISH		276,373	120,803	1,598,038	303,911	7,274	3,946
	SHELLFISH, ET AL.						
CRABS:							
	KONA	2,507	2,437	255	189	-	-
	KUAHONU	45	41	8	6	-	-
	PAPAI	-	-	85	65	-	-
LIMPET 2/	OPIHI	501	2,537	1,262	6,260	-	-
LOBSTERS, SPINY	ULA	-	-	263	344	21	2
OCTOPUS	HEE	309	324	1,021	912	55	40
SEAWEED	LIMU	254	734	5	3	-	-
SHRIMP	OPAE	-	-	487	885	-	-
SQUID	MUHEE	1,366	1,299	-	-	-	-
TREPANG (SEA CUCUMBER)		17	21	-	-	-	-
TURTLE	HONU	500	50	14,164	7,425	-	-
TOTAL SHELLFISH, ET AL.		5,499	7,443	17,550	16,089	76	68
TOTAL OCEAN CATCH		281,872	128,246	1,615,588	320,000	7,350	4,014
GRAND TOTAL		281,872	128,246	1,615,588	320,000	7,350	4,014

1/ LESS THAN 50 CENTS.

2/ THE WEIGHT OF MEAT FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

3/ SALTWATER.

HAWAII FISHERIES

HAWAII - LANDINGS OF CATCH BY GEAR, 1971

SPECIES		HAUL SEINES		BAG NETS	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	KAHALA.	6	2	266	93
BARRACUDA	KAKU.	253	63	-	-
BARRACUDA, JAPANESE . .	KAWELEA	109	29	-	-
BIGEYE SCAD	AKULE	911	516	519,724	212,584
BONEFISH.	OIO	729	146	3,765	1,295
CREVALLE:					
	OMAKA	-	-	46	67
BLUE.	OMILU	45	24	-	-
JACK.	ULUA.	1,152	802	1,420	893
GOATFISHES:					
	KUMU.	1	2	-	-
	WEKE.	360	178	3,210	1,636
MACKEREL SCAD	OPELU	482	293	219	51
MILKFISH.	AWA	416	120	2,397	681
MOUNTAIN BASS	AHOLEHOLE	-	-	13	12
PARROT FISH	UHU	60	24	12	5
RUDDERFISH.	NENUE	84	34	-	-
RUNNER.	LAE	685	163	-	-
SARDINE	MAKIAWA	32	9	-	-
SNAPPER, GRAY	UKU	-	-	28	17
SPOT.	A'AWA	110	26	-	-
SURGEON FISH:					
	KALA.	522	134	1,181	312
	PALANI.	1,016	254	416	140
	PUALU	-	-	514	168
TANG, CONVICT	MANINI.	40	40	29	31
TENPOUNDER.	AWAAWA.	-	-	101	36
THREADFIN	MOI	-	-	4,225	5,672
UNCLASSIFIED FISH . . .	. . . .	2,560	2,232	63	30
TOTAL	. . . .	9,573	5,091	537,629	223,723

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	KAHALA.	783	313	59	30	80,896	34,706
BARRACUDA	KAKU.	4	4	174	58	1,647	751
BARRACUDA, JAPANESSE. .	KAWELEA	3	2	222	78	3,840	2,488
BIGEYE SCAD	AKULE	-	-	59,743	29,591	156,701	101,185
BONEFISH.	OIO	26	10	3,403	1,165	2,934	1,018
CREVALLE:							
	OMAKA	-	-	128	115	766	654
BLUE.	OMILU	585	455	363	354	279	188
JACK.	ULUA.	2,539	1,634	1,754	1,5[illegible]4	49,505	26,955
DAMSELFISH.	MAOMAO.	848	542	156	132	62	34
DOLPHIN	MAHIMAHI.	-	-	-	-	2[illegible],253	19,934
EELS:							
CONGER.	PUHI.	944	166	-	-	22	6
MORAY	PUHI	7,240	502	5	1	-	-
GOATFISHES:							
	KUMU.	3,377	5,330	[illegible]	960	1,262	1,741
	MALU.	216	147	-	-	2	1
	MOANO	8,401	6,194	50	35	3,715	2,577
	MOELUA.	-	-	-	-	4,[illegible]22	3,607
	WEKE.	6,711	2,096	15,171	6,056	1,325	503
	WEKE-ULA.	10,610	7,549	65	46	6,763	6,901
MACKEREL SCAD	OPELU	-	-	641	305	114,265	[illegible]0,455
MARLIN:							
BLACK	A'U	-	-	-	-	170	17
BLUE.	A'U	-	-	-	-	2,707	867
STRIPED	A'U	-	-	-	-	946	393
MILKFISH.	AWA	-	-	5,2[illegible]7	1,754	501	190
MOUNTAIN BASS	AHOLEHOLE	-	-	2,713	2,492	73	94
MULLET.	AMAAMA.	7	9	13,122	17,212	570	677
PARROT FISH	UHU	329	166	964	434	158	66
RED BIGEYE.	AWEOWEO	2	2	632	209	[illegible]	1,336
RUDDERFISH.	NENUE	16	5	3,009	1,457	655	327
RUNNER.	LAE	29	7	297	[illegible]	14	9
SARDINE	MAKIAWA	-	-	-	-	[illegible]	36
SEA BASS, BLACK	HAPUUPUU.	-	-	-	-	49,144	35,601
SNAPPERS:							
GRAY.	UKU	619	339	-	-	47,137	29,331
PINK.	KALIKALI.	3	1	-	-	6,895	7,227
PINK.	OPAKAPAKA	22	18	-	-	78,580	67,322
RED	ULAULA OR EHU . .	-	-	-	-	21,073	27,791
RED	ULAULA KOAE . . .	21	30	-	-	47,575	[illegible]0,911
SPOT.	A'AWA	15	1	98	23	787	124
SQUIRRELFISH.	[illegible]	233	235	1,264	1,030	15,037	13,064

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SURGEON FISH:							
	KALA.	4,086	340	7,619	1,485	42	5
	MAIKO	-	-	69	29	13	8
	PALANI.	7,021	1,971	1,044	364	309	74
	PUALU	1,347	279	912	274	180	39
TANG:							
CONVICT	MANINI.	2,129	1,608	1,316	1,083	29	23
ORANGE SPOT	NAENAE.	1,137	235	223	82	-	-
TENPOUNDER.	AWAAWA.	50	15	1,184	333	421	142
THREADFIN	MOI	-	-	3,245	4,038	13	15
TRIGGERFISH	HUMUHUMU.	570	331	-	-	1,303	277
TUNA:							
BIGEYE AND BLUEFIN.	AHI	-	-	-	-	901	399
LITTLE.	KAWAKAWA.	-	-	-	-	19,341	5,308
SKIPJACK.	AKU	-	-	-	-	13,324,543	2,749,859
YELLOWFIN	AHI	-	-	-	-	370,082	152,676
WAHOO	ONO	-	-	-	-	13,961	5,926
UNCLASSIFIED FISH . .	. . . .	4,298	2,249	1,530	803	14,316	9,736
CRABS:							
	KONA.	599	767	-	-	-	-
	KUAHONU	42,491	50,696	8	6	2	2
	MOALA	48	34	-	-	-	-
	PAPAI	2,532	1,485	85	65	-	-
	SAMOAN.	20	26	-	-	-	-
LOBSTERS:							
SLIPPER	ULAPAPAPA	90	107	-	-	-	-
SPINY	ULA	2,113	2,798	3,253	4,636	-	-
OCTOPUS	HEE	797	641	85	84	156	146
SHRIMP.	OPAE.	1,166	1,213	-	-	-	-
SQUID	MUHEE	-	-	-	-	13,192	5,721
TURTLE.	HONU.	-	-	6,274	2,726	-	-
TOTAL	. . . .	114,077	90,552	137,050	81,307	14,490,227	3,470,043

SPECIES		LINES, TROLL		LINES, LONG OR SET WITH HOOKS		LIFT NETS	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	KAHALA.	22	8	40	20	-	-
BARRACUDA	KAKU.	271	90	1,670	432	-	-
BIGEYE SCAD	AKULE	-	-	-	-	308	233
CREVALLE, JACK. . . .	ULUA.	1,454	765	-	-	8	4
DOLPHIN	MAHIMAHI.	26,040	21,616	36,459	32,221	-	-
GOATFISH.	MOANO	-	-	-	-	12	6
MACKEREL SCAD	OPELU	-	-	-	-	107,899	56,809
MARLIN:							
BLACK	A'U	594	192	1,460	1,263	-	-
BLUE.	A'U	28,362	9,345	15,899	11,671	-	-
SAILFISH.	A'U LEPE.	-	-	969	312	-	-
SHORTBILL	A'U	77	24	5,063	1,471	-	-
STRIPED	A'U	6,108	3,040	161,948	119,074	-	-
RUDDERFISH.	NENUE	-	-	-	-	20	10
SURGEON:							
	KALA.	-	-	-	-	150	20
	MAIKO	19	19	-	-	-	-
SWORDFISH, BROADBILL.	A'U	-	-	2,350	796	-	-
TUNA:							
ALBACORE.	AHIPALAHA	-	-	23,414	11,078	-	-
BIGEYE AND BLUEFIN.	AHI	1,062	710	470,305	567,015	-	-
KAWAKAWA.	KAWAKAWA.	3,771	1,722	11	8	-	-
SKIPJACK.	AKU	6,317	2,805	85	45	-	-
YELLOWFIN	AHI	35,130	18,311	421,374	346,127	-	-
WAHOO	ONO	8,617	3,857	7,533	2,255	-	-
UNCLASSIFIED FISH . .	. . . .	338	47	2,707	183	2	1
CRABS:							
	KONA.	-	-	-	-	[illegible]	69,374
	KUAHONO	-	-	-	-	[illegible]	9
	MOALA	-	-	-	-	60	44
	PAPAI	-	-	-	-	3,254	[illegible]
	SAMOAN.	-	-	-	-	21	32
TOTAL	. . . .	118,182	62,551	1,151,287	1,093,971	159,859	[illegible]

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES		CAST NETS		SPEARS		BY HAND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CREVALLE:							
	OMAKA	24	19	-	-	-	-
JACK	ULUA	20	16	-	-	-	-
GOATFISHES:							
	KUMU	1	1	-	-	-	-
	MOANO	2	1	-	-	-	-
MOUNTAIN BASS	AHOLEHOLE	47	45	-	-	-	-
MULLET	AMAAMA	157	158	-	-	-	-
PARROT FISH	UHU	105	36	-	-	-	-
RUDDERFISH	NENUE	410	191	-	-	-	-
SQUIRRELFISH	UU	66	33	-	-	-	-
SURGEON FISH:							
	KALA	99	23	-	-	-	-
	MAIKO	254	132	-	-	-	-
	PUALU	7	2	-	-	-	-
TANG, CONVICT	MANINI	4,501	2,741	-	-	-	-
THREADFIN	MOI	248	258	-	-	-	-
UNCLASSIFIED		308	170	5	3	-	-
LIMPET	OPIHI	-	-	-	-	2,635	13,326
LOBSTER, SPINY	ULA	-	-	-	-	339	439
OCTOPUS	HEE	-	-	7,353	7,044	-	-
TOTAL		6,249	3,826	7,358	7,047	2,974	13,765

SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	KAHALA	-	-	16	3	-	-
BARRACUDA	KAKU	32	47	-	-	700	609
BONEFISH	OIO	-	-	-	-	3,496	1,311
CREVALLE, JACK	ULUA	168	213	127	95	585	468
DAMSELFISH	MAOMAO	270	177	100	62	-	-
EELS:							
CONGER	PUHI	-	-	1	(1)	-	-
MORAY	PUHI	40	4	-	-	-	-
GOATFISHES:							
	KUMU	47	110	427	482	-	-
	MOANO	14	8	132	131	-	-
	WEKE	3,864	1,869	465	286	-	-
	WEKE-ULA	-	-	50	40	-	-
MILKFISH	AWA	-	-	-	-	8,047	4,026
MOUNTAIN BASS	AHOLEHOLE	224	208	39	31	194	119
MULLET	AMAAMA	-	-	-	-	1,198	1,524
PARROT FISH	UHU	27	13	1,633	730	-	-
RED BIGEYE	AWEOWEO	86	51	57	36	-	-
RUDDERFISH	NENUE	379	115	123	57	-	-
RUNNER	LAE	-	-	-	-	547	110
SNAPPER, GRAY	UKU	-	-	16	6	-	-
SQUIRRELFISH	UU	117	98	2,803	2,428	-	-
SURGEON FISH:							
	KALA	1,653	336	98	78	-	-
	MAIKO	8	4	-	-	-	-
	PALANI	658	192	681	198	-	-
	PUALU	2,058	628	8	4	-	-
TANG, CONVICT	MANINI	268	200	187	130	-	-
TENPOUNDER	AWAAWA	25	10	-	-	238	84
THREADFIN	MOI	-	-	-	-	19	15
TRIGGERFISH	HUMUHUMU	8	8	-	-	-	-
UNCLASSIFIED FISH		660	525	1,317	766	358	149
CRABS:							
	KUAHONU	45	41	-	-	73	63
	MOALA	-	-	-	-	3	1
	PAPAI	-	-	50	75	-	-
	SAMOAN	-	-	-	-	177	161
LOBSTERS, SPINY	ULA	20	22	-	-	-	-
OCTOPUS	HEE	-	-	8	9	-	-
SEAWEED	LIMU	-	-	88,813	28,367	-	-
SHRIMP	OPAE	1,064	1,964	-	-	-	-
SQUID	MUHEE	26	13	847	525	-	-
TREPANG (SEA CUCUMBER)		44	55	393	492	-	-
TURTLE	HONU	-	-	12,930	7,125	-	-
UNCLASSIFIED SHELLFISH		-	-	56	56	-	-
TOTAL		11,805	6,911	111,377	42,212	15,635	8,640

1/ LESS THAN 50 CENTS.

NOTE:--THE WEIGHT OF MEATS FOR MOLLUSKS IS BASED ON A YIELD OF 25 PERCENT FOR HARD CLAMS AND 20 PERCENT FOR LIMPETS.

HAWAII, AMERICAN SAMOA, AND PUERTO RICO

PROCESSED FISHERY PRODUCTS, 1971

ITEM	STATE AND AREAS	UNIT	QUANTITY	DOLLARS
ANCHOVY, SALTED PASTE	HAWAII	POUNDS	(1)	(1)
BIG EYE SCAD, SUN-DRIED	DO	DO	5,710	8,989
BONEFISH, SPECIALTIES, FRESH (MIX)	DO	DO	(1)	(1)
COD SPECIALTIES, SUN-DRIED (IN HOT SAUCE)	DO	DO	4,880	12,35
MACKEREL, JACK:				
SALTED PASTE	DO	DO	(1)	(1)
SUN-DRIED	DO	DO	(1)	(1)
MARLIN, SPECIALITIES, SUN-DRIED	DO	DO	(1)	(1)
POLLOCK, SPECIALTIES, FRESH (CAKES, BREADED COOKED)	DO	DO	600,000	260,100
POMPANO, SPECIALTIES, SUN-DRIED	DO	DO	(1)	(1)
SABLEFISH:				
SPECIALTIES, FRESH:				
IN HOT SAUCE	DO	DO	(1)	(1)
IN RICE WINE MASH	DO	DO	20,170	22,197
SALTED	DO	DO	261,500	170,245
SUN-DRIED	DO	DO	72,400	68,260
SALMON:				
SPECIALTIES, FRESH (ROE IN RICE WINE MASH)	DO	DO	(1)	(1)
SALTED	DO	DO	(1)	(1)
SARDINES, SALTED PASTE	DO	DO	(1)	(1)
TENPOUNDER SPECIALTIES, FRESH:				
MIX	DO	DO	40,900	37,585
CAKES, BREADED COOKED	DO	DO	(1)	(1)
TUNA:				
CANNED:				
ALBACORE	HAWAII, AMERICAN SAMOA, AND PUERTO RICO	STANDARD CASES	(1)	1
LIGHTMEAT	DO	DO	(1)	(1)
TOTAL	DO	DO	(1)	(1)
ANIMAL FOOD	DO	DO	(1)	(1)
CURED:				
SALTED	HAWAII	POUNDS	(1)	(1)
SALTED PASTE	DO	DO	45,414	20,333
SMOKED	DO	DO	(1)	(1)
SUN-DRIED	DO	DO	56,428	114,418
MEAL AND SCRAP	AMERICAN SAMOA, AND PUERTO RICO	TONS	(1)	(1)
OIL	PUERTO RICO	1000 LBS	(1)	(1)
WAHOO, CANNED	AMERICAN SAMOA	STANDARD CASES	(1)	(1)
OCTOPUS:				
SPECIALTIES FRESH (COOKED WITH SAUCE)	HAWAII	POUNDS	(1)	(1)
SUN-DRIED	DO	DO	(1)	(1)
SQUID, SALTED IN HOT SAUCE	DO	DO	(1)	(1)
UNCLASSIFIED:				
PACKAGED FRESH, FISH AND SHELLFISH	DO	DO	276,192,129	218,046,081
CANNED	HAWAII, AMERICAN SAMOA AND PUERTO RICO	STANDARD CASES	(2)	(2)
CURED	HAWAII	POUNDS	122,311	105,276
INDUSTRIAL	AMERICAN SAMOA, AND PUERTO RICO	-	-	1,445,495
TOTAL		-	-	220,311,335

1/ INCLUDED WITH UNCLASSIFIED.

2/ INCLUDED WITH UNCLASSIFIED PACKAGED FRESH, FISH AND SHELLFISH.

NOTE:-- SOME OF THE PRODUCTS MAY HAVE BEEN PROCESSED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE LANDINGS WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STATE OF PROCESSING.

HAWAII, AMERICAN SAMOA, AND PUERTO RICO

SUMMARY OF PROCESSED PRODUCTS, 1971

ITEM	THOUSAND DOLLARS
PACKAGED, FRESH	929
CANNED.	217,437
CURED	500
INDUSTRIAL.	1,445
TOTAL.	220,311

VALUE OF PROCESSED PRODUCTS, BY STATES, 1971

STATE AND AREAS	THOUSAND DOLLARS
HAWAII AND AMERICAN SAMOA	63,820
PUERTO RICO	156,491
TOTAL.	220,311

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1971

	PROCESSORS			WHOLESALE			TOTAL		
	PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE		PLANTS	EMPLOYMENT AVERAGE	
		SEASON	YEAR		SEASON	YEAR		SEASON	YEAR
	-NUMBER-								
HAWAII AND AMERICAN SAMOA	28	1,671	1,563	18	130	130	46	1,801	1,693
PUERTO RICO	4	4,443	3,117	-	-	-	4	4,443	3,117
TOTAL.	32	6,114	4,680	18	130	130	50	6,244	4,810

NOTE.--EMPLOYMENT IS REPORTED BY EACH PLANT FOR EACH MONTH THE PAYROLL PERIOD THAT INCLUDES THE 12TH OF THE MONTH. EMPLOYMENT FOR THE SEASON IS BASED ON THE GREATEST NUMBER OF EMPLOYEES WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH. EMPLOYMENT FOR THE YEAR IS OBTAINED BY ADDING THE NUMBER OF EMPLOYEES RECORDED AS WORKING DURING THE PAYROLL PERIOD THAT INCLUDED THE 12TH OF EACH MONTH, FOR THE YEAR, AND DIVIDING BY 12.

TUNA
SALMON

SECTION 11 - PUERTO RICO FISHERIES

Landings in Puerto Rico are not included in the U.S. landings table in the General Review or Review of Certain Major Fisheries sections.

Puerto Rico landings were a record 131.3 million pounds worth a record $26.1 million--47.7 million pounds (57 percent) and $10.7 million (69 percent) more than in 1970. Record landings and value of tuna, the principal species landed in Puerto Rico, accounted largely for the marked gain. The value of tuna landings ($24.7 million) increased 80 percent compared with 1970.

Tuna landings of 127.5 million pounds increased 48.7 million (62 percent) compared with 1970, and were 19.8 million pounds more than in 1968, the former record year. Composition of the landings, however, was considerably different from 1968. A record harvest of skipjack tuna in 1971 reached 84.6 million pounds and accounted for 66 percent of the total tuna production. Landings of yellowfin tuna (41.0 million pounds) were 32 percent of the total and landings of bluefin tuna (1.9 million pounds) were 2 percent. In 1968, however, yellowfin tuna predominated with landings of 61 million pounds--57 percent of the entire tuna harvest. Skipjack tuna accounted for the rest of the tuna production in 1968.

Landings made by local fishermen, consisting largely of marine fish and shellfish, were 3.9 million pounds worth $1.4 million--a decline of 20 percent in volume and 14 percent in value compared with 1970. Fish were 85 percent of the total landings; shellfish were 15 percent. The average exvessel price was 31 cents per pound for fish and 72 cents for shellfish. At least 994 fishermen participated--using about 811 boats. The fishing gear consisted principally of fish and lobster pots (67 percent) and handlines and nets (33 percent). The pot fishery was concentrated mainly in the western region. Cabo Rojo, the fishing center with the most fish pots, was also the area showing the highest production.

The local fishing activities in Puerto Rico are undertaken through ninety fishing centers in forty-one municipalities, including Vieques and Culebra Island, east of Puerto Rico. The highest production centers are located at Cabo Rojo, Fajardo, Vieques Island, Humacao and Naguabo areas. The island is divided into four regions for the purpose of reporting fisheries statistics on the local fisheries. They are north, south, east and west coast. Each region includes several municipalities with varying numbers of fishing centers.

PUERTO RICO - SUMMARY OF OPERATING UNITS, 1971

ITEM	NORTH COAST	SOUTH COAST	EAST COAST	WEST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	-NUMBER-				
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	78	84	159	165	486
CASUAL	205	175	28	100	508
TOTAL	283	259	187	265	994
BOATS:					
MOTOR	144	196	140	152	632
OTHER	53	27	18	81	179
GEAR:					
BEACH SEINE	30	29	15	41	115
POTS:					
FISH	275	2,652	2,501	3,023	8,451
LOBSTER	17	100	89	-	206
GILL NETS	177	183	59	53	472
TURTLE NETS	96	216	178	70	560
LINES:					
HAND	279	119	220	295	913
TROLL	327	279	283	260	1,149
TROT	26	56	16	93	191
POLE	52	8	13	2	75
CAST NETS	240	103	133	95	571
SPEARS	38	42	41	24	145
OTHERS	-	1	12	1	14

NOTE:--INCLUDES ONLY LOCAL CRAFT. DOES NOT INCLUDE VESSELS IN TUNA FLEET.

PUERTO RICO - LANDINGS BY REGIONS, 1971

SPECIES	NORTH COAST		SOUTH COAST		EAST COAST	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BALLYHOO	(1)	1	8	3	2	(1)
BARRACUDA	(1)	(1)	18	6	17	6
BLUE MARLIN	-	-	(1)	(1)	(1)	(1)
DOLPHIN	(1)	(1)	(1)	(1)	2	(1)
GOATFISH	(1)	(1)	24	5	100	29
GROUPERS	13	5	61	20	183	73
GRUNTS	3	1	67	19	195	55
HOGFISH	(1)	(1)	3	2	52	19
JACK	14	5	10	3	55	14
MACKEREL	44	18	21	6	88	31
MOJARRA	-	-	(1)	(1)	1	(1)
MULLET	8	2	34	10	46	12
PARROTFISH	(1)	(1)	15	3	54	8
PORGY	2	1	13	3	59	16
SARDINE	3	1	-	-	2	(1)
SNAPPERS:						
LANE	15	6	28	10	36	13
MUTTON	7	3	6	3	33	12
SILK	92	67	7	4	33	14
YELLOWTAIL	36	14	10	4	65	25
OTHER	10	4	7	3	12	4
SNOOK	16	4	13	4	9	5
SQUIRRELFISH	2	(1)	11	3	57	11
TRIGGERFISH	(1)	(1)	7	2	86	18
TRUNKFISH	-	-	1	(1)	13	3
TUNA	28	9	1	(1)	16	4
OTHER FISH	(1)	(1)	6	2	20	4
TOTAL FISH	293	141	371	115	1,236	376
CONCH	(1)	(1)	7	3	27	13
LAND CRAB	95	57	1	(1)	-	-
LOBSTERS, SPINY	6	5	53	55	110	116
OCTOPUS	4	3	8	5	4	2
TURTLES	7	3	5	2	9	2
OTHER SHELLFISH	(1)	(1)	1	(1)	4	1
TOTAL SHELLFISH ET AL.	112	68	75	65	154	134
GRAND TOTAL	405	209	446	180	1,390	510

SPECIES	WEST COAST		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BALLYHOO	1	(1)	11	4
BARRACUDA	12	5	47	17
BLUE MARLIN	-	-	(1)	(1)
DOLPHIN	9	3	11	3
GOATFISH	82	16	206	50
GROUPERS	168	40	425	138
GRUNTS	148	28	413	103
HOGFISH	1	(1)	56	21
JACK	39	11	118	33
MACKEREL	56	21	209	76
MOJARRA	-	-	1	(1)
MULLET	8	2	96	26
PARROTFISH	145	13	214	24
PORGY	32	6	106	26
SARDINE	(1)	(1)	5	1
SNAPPERS:				
LANE	47	21	126	50
MUTTON	13	5	59	23
SILK	198	128	330	213
YELLOWTAIL	27	12	138	55
OTHER	9	3	38	14
SNOOK	5	2	43	15
SQUIRRELFISH	85	12	155	26
TRIGGERFISH	60	5	153	25
TRUNKFISH	16	5	30	8
TUNA	202	57	247	70
OTHER FISH	42	8	68	14
TOTAL FISH	1,[illegible]	403	3,305	1,035

SEE FOOTNOTES AT END OF TABLE.

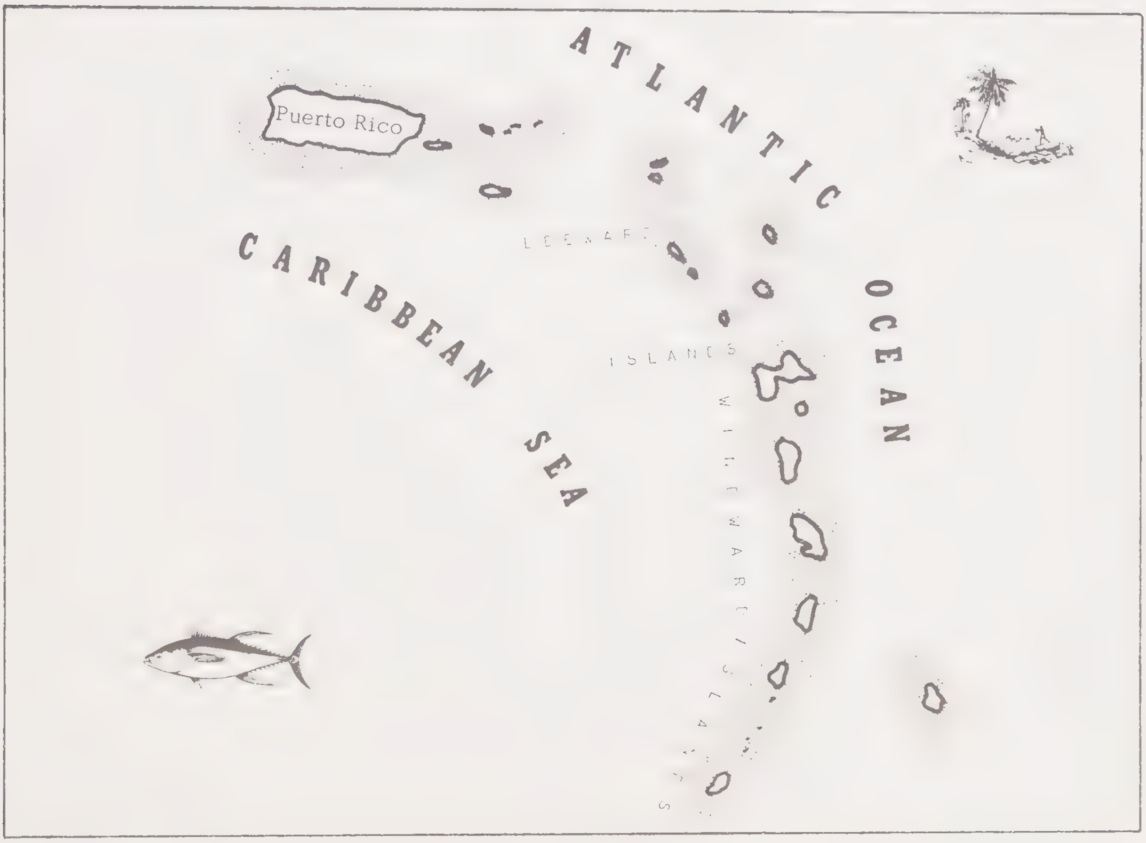
(CONTINUED ON NEXT PAGE)

PUERTO RICO FISHERIES

PUERTO RICO - LANDINGS BY REGIONS, 1971 - Continued

SPECIES	WEST COAST		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CONCH	130	51	164	67
LAND CRAB	(1)	(1)	96	57
LOBSTERS, SPINY	89	88	258	264
OCTOPUS	3	1	19	11
TURTLES	5	3	26	10
OTHER SHELLFISH	8	1	13	2
TOTAL SHELLFISH ET AL.	235	144	576	411
GRAND TOTAL	1,640	547	3,881	1,446

1/ LESS THAN 500 POUNDS OR $500.
NOTE:--DOES NOT INCLUDE DATA ON TUNA LANDINGS MADE BY U.S. FLAG VESSELS IN PUERTO RICO PORTS.


Puerto Rico
ATLANTIC OCEAN
CARIBBEAN SEA
LEEWARD ISLANDS
WINDWARD ISLANDS

PUERTO RICO - LANDINGS OF CATCH BY GEAR, 1971

SPECIES	BEACH SEINES		POTS			
			FISH		LOBSTER, SPINY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BALLYHOO	5,100	1,511	-	-	-	-
BARRACUDA	18,978	6,416	-	-	-	-
GOATFISH	-	-	206,200	50,357	-	-
GROUPERS	80,400	26,532	212,400	68,404	-	-
GRUNTS	55,000	15,400	300,000	70,091	-	-
HOGFISH	-	-	51,432	18,925	-	-
JACK	36,846	10,541	23,056	4,375	-	-
MACKEREL	19,349	7,223	-	-	-	-
MULLET	2,988	851	-	-	-	-
PARROTFISH	80,000	8,800	113,500	12,597	-	-
PORGY	15,600	3,900	-	-	-	-
SARDINE	162	35	-	-	-	-
SNAPPERS:						
LANE	30,000	12,000	5,200	2,000	-	-
MUTTON	3,145	1,234	35,907	14,415	-	-
SILK	-	-	100,316	61,357	-	-
YELLOWTAIL	15,562	5,991	22,835	8,955	-	-
OTHER	785	300	17,864	6,730	-	-
SNOOK	9,067	3,249	1,008	345	-	-
SQUIRRELFISH	689	176	152,034	22,845	-	-
TRIGGERFISH	23,000	3,680	90,000	14,400	-	-
TRUNKFISH	564	158	29,418	8,122	-	-
TUNA	27,034	6,859	-	-	-	-
OTHER FISH	27,500	5,678	20,000	4,200	-	-
LOBSTERS, SPINY	-	-	200,620	205,226	4,874	4,838
OCTOPUS	-	-	4,573	2,418	-	-
OTHER SHELLFISH	-	-	12,900	2,033	-	-
TOTAL	451,769	120,534	1,599,263	577,795	4,874	4,838

SPECIES	GILL NETS		LINES			
			HAND		TROLL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BALLYHOO	6,300	2,071	-	-	-	-
BARRACUDA	4,382	1,986	-	-	23,340	6,317
BLUE MARLIN	-	-	-	-	200	52
DOLPHIN	-	-	-	-	11,400	2,865
GROUPERS	20,000	6,600	100,000	33,000	-	-
GRUNTS	50,100	15,500	8,300	2,324	-	-
HOGFISH	-	-	195	76	-	-
JACK	15,016	4,577	43,282	13,558	-	-
MACKEREL	14,307	5,334	-	-	175,744	63,847
MOJARRA	1,200	152	-	-	-	-
MULLET	90,800	24,436	-	-	-	-
PARROTFISH	15,000	1,650	4,000	440	-	-
PORGY	10,000	2,500	80,000	19,849	-	-
SARDINE	1,024	220	-	-	-	-
SNAPPERS:						
LANE	-	-	76,000	30,005	-	-
MUTTON	6,013	1,095	11,592	4,649	-	-
SILK	-	-	230,084	151,462	-	-
YELLOWTAIL	3,080	1,188	91,919	37,050	-	-
OTHER	4,046	1,485	13,728	5,163	-	-
SNOOK	30,767	10,287	1,958	647	-	-
SQUIRRELFISH	1,738	3,327	439	91	-	-
TRIGGERFISH	10,200	1,632	30,000	5,052	-	-
TRUNKFISH	418	119	-	-	-	-
TUNA	54	22	-	-	220,312	63,183
OTHER FISH	20,000	4,200	-	-	-	-
TURTLES	13,942	5,476	-	-	-	-
TOTAL	318,387	93,857	691,497	303,366	430,996	138,264

(CONTINUED ON NEXT PAGE)

PUERTO RICO - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES	LINES - CONTINUED		CAST NETS		SPEARS		BY HAND	
	TROT							
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
GROUPERS	4,000	1,320	-	-	8,000	2,640	-	-
HOGFISH	-	-	-	-	4,773	1,542	-	-
MULLET	-	-	1,712	611	-	-	-	-
PARROTFISH	1,000	110	-	-	-	-	-	-
SARDINE	-	-	3,314	852	-	-	-	-
SNAPPERS:								
LANE	15,000	6,000	-	-	-	-	-	-
MUTTON	2,157	815	-	-	556	306	-	-
YELLOWTAIL	4,204	1,732	-	-	-	-	-	-
OTHER	-	-	-	-	[illegible]	509	-	-
CONCH	-	-	-	-	-	-	163,600	[illegible]
LAND CRABS	-	-	-	-	-	-	95,700	[illegible]
LOBSTERS, SPINY	-	-	-	-	11,665	22,460	30,641	[illegible]
OCTOPUS	-	-	-	-	17,623	7,168	1,704	[illegible]
TURTLES	-	-	-	-	9,319	3,714	2,440	[illegible]
TOTAL	26,361	9,977	5,026	1,463	55,242	35,339	294,085	158,000

PUERTO RICO LANDINGS, 1953-71

YEAR	TUNA							
	BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
1953	(1)	(1)	(1)	(1)	(1)	(1)	2,704	(1)
1954	(1)	(1)	(1)	(1)	(1)	(1)	6,388	(1)
1955	(1)	(1)	(1)	(1)	(1)	(1)	9,549	(1)
1956	(1)	(1)	(1)	(1)	(1)	(1)	12,000	(1)
1957	(1)	(1)	(1)	(1)	(1)	(1)	18,393	(1)
1958	(1)	(1)	(1)	(1)	(1)	(1)	16,652	(1)
1959	(1)	(1)	(1)	(1)	(1)	(1)	22,090	(1)
1960	(1)	(1)	5,692	(1)	15,218	(1)	20,910	(1)
1961	(1)	(1)	10,392	(1)	20,658	(1)	31,050	(1)
1962	1,676	(1)	20,086	(1)	7,028	(1)	28,790	(1)
1963 3/	2,494	254	30,454	2,966	4,078	500	37,026	3,720
1964	4,324	476	30,447	2,816	13,622	1,669	48,393	4,961
1965	2,346	287	42,064	4,417	10,166	1,398	54,576	6,102
1966	1,286	176	37,962	4,881	25,450	4,337	64,698	9,394
1967	1,360	150	77,702	7,343	18,820	2,456	97,882	9,949
1968	-	-	46,672	6,096	60,988	9,526	107,660	15,622
1969	-	-	28,014	3,847	68,254	11,041	96,268	14,888
1970	1,004	177	23,948	3,835	53,802	9,719	78,754	13,731
1971	1,858	368	84,630	15,741	40,974	8,564	127,462	24,673

YEAR	OTHER							
	FRESHWATER FISH		UNCLASSIFIED FISH		CRUSTACEANS		MOLLUSKS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
1953	441	(1)	4,409	(1)	441	(1)	(2)	(1)
1954	441	(1)	4,630	(1)	441	(1)	(2)	(1)
1955	441	(1)	4,630	(1)	661	(1)	(2)	(1)
1956	441	(1)	4,850	(1)	661	(1)	(2)	(1)
1957	441	(1)	4,850	(1)	661	(1)	(2)	(1)
1958	441	(1)	5,071	(1)	661	(1)	(2)	(1)
1959	441	(1)	5,291	(1)	661	(1)	(2)	(1)
1960	441	(1)	5,512	(1)	661	(1)	(2)	(1)
1961	441	(1)	5,952	(1)	661	(1)	(2)	(1)
1962	441	(1)	6,614	(1)	661	(1)	(2)	(1)
1963 3/	441	88	7,496	1,357	1,102	431	(2)	(1)
1964	441	97	8,378	1,843	1,102	551	(2)	(1)
1965	441	110	9,039	2,079	1,323	727	(2)	(1)
1966	441	110	9,039	2,079	1,323	760	(2)	(1)
1967	441	132	8,598	1,934	1,984	1,300	(2)	(1)
1968	441	132	8,598	1,771	1,764	1,330	220	98
1969	441	132	2,866	654	220	229	(2)	25
1970	441	132	3,748	1,069	441	400	220	72
1971	441	132	2,864	903	354	331	193	[illegible]

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PUERTO RICO LANDINGS, 1953-71 - Continued

YEAR	OTHER - CONTINUED				GRAND TOTAL	
	MISCELLANEOUS SHELLFISH ET AL.		TOTAL			
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
1953	(2)	(1)	5,291	(1)	7,995	(1)
1954	(2)	(1)	5,512	(1)	11,900	(1)
1955	(2)	(1)	5,732	(1)	15,281	(1)
1956	(2)	(1)	5,952	(1)	17,952	(1)
1957	(2)	(1)	5,952	(1)	24,345	(1)
1958	(2)	(1)	6,173	(1)	22,825	(1)
1959	(2)	(1)	6,393	(1)	28,483	(1)
1960	220	(1)	6,834	(1)	27,744	(1)
1961	220	(1)	7,274	(1)	38,324	(1)
1962	(2)	(1)	7,716	(1)	36,506	(1)
1963 3/	220	66	9,259	1,942	46,285	5,662
1964	220	66	10,141	2,557	58,534	7,518
1965	220	77	11,023	2,993	65,599	9,095
1966	220	77	11,023	3,026	75,721	12,420
1967	220	80	11,243	3,446	109,125	13,395
1968	220	73	11,243	3,404	118,903	19,026
1969	(2)	11	3,527	1,051	99,795	15,939
1970	(2)	15	4,850	1,688	83,604	15,419
1971	39	12	3,881	1,446	131,343	26,119

1/ NOT AVAILABLE.
2/ NEGLIGIBLE.
3/ ADDITIONAL LANDINGS OF BLUEFIN (640,000 POUNDS) AND SKIPJACK (596,000 POUNDS) TUNA WERE MADE AT U.S. ATLANTIC COAST PORTS AND TRANSHIPPED TO PUERTO RICO.

NOTE:--DATA FOR 1953-70 ON PUERTO RICO LANDINGS MADE BY LOCAL FISHERMEN ARE FROM THE YEARBOOK OF FISHERY STATISTICS (VARIOUS YEARS), FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. METRIC TONS HAVE BEEN CONVERTED TO POUNDS BY MULTIPLYING BY 2,204.6. THE 1971 LANDINGS AND VALUE TOTALS ARE FROM TABULATIONS PREPARED BY THE PUERTO RICO DEPARTMENT OF AGRICULTURE, COMMERCIAL FISHERIES LABORATORY. DATA ON TUNA LANDINGS IN PUERTO RICO BY U.S. FISHERMEN WERE OBTAINED BY THE NATIONAL MARINE FISHERIES SERVICE.

PUERTO RICO TUNA LANDINGS
ATLANTIC AND PACIFIC OCEANS, 1953-71

YEAR	BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL		GRAND TOTAL
	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	
	THOUSAND POUNDS								
1953	-	(1)	-	(1)	-	(1)	-	2,704	2,704
1954	-	(1)	-	(1)	-	(1)	-	6,388	6,388
1955	-	(1)	-	(1)	-	(1)	-	9,549	9,549
1956	-	(1)	-	(1)	-	(1)	-	12,000	12,000
1957	-	(1)	-	(1)	-	(1)	-	18,393	18,393
1958	-	(1)	-	(1)	-	(1)	-	16,652	16,652
1959	-	(1)	-	(1)	-	(1)	-	22,090	22,090
1960	-	-	-	5,692	-	15,218	-	20,910	20,910
1961	-	-	-	10,392	-	20,658	-	31,050	31,050
1962	1,676	-	936	19,150	-	7,028	2,612	26,178	28,790
1963 2/	2,494	-	2,326	28,128	-	4,078	4,820	32,206	37,026
1964	4,324	-	6,506	23,939	-	13,622	10,830	37,561	48,391
1965	2,346	-	128	41,936	-	10,166	2,474	52,102	54,576
1966	248	1,038	-	37,962	-	25,450	248	64,450	64,698
1967	838	522	914	76,788	1,620	17,200	3,372	94,510	97,882
1968	-	-	6,844	39,828	13,454	47,534	20,298	87,362	107,660
1969	-	-	8,270	19,744	24,670	43,584	32,940	63,328	96,268
1970	1,004	-	19,984	3,964	14,792	39,010	35,780	42,974	78,754
1971	1,858	-	29,922	54,708	9,248	31,726	41,028	86,434	127,462

1/ NOT AVAILABLE.
2/ ADDITIONAL LANDINGS OF BLUEFIN (640,000 POUNDS) AND SKIPJACK (596,000 POUNDS) TUNA WERE MADE AT U.S. ATLANTIC COAST PORTS AND TRANSHIPPED TO PUERTO RICO.

SECTION 12

STATISTICAL SURVEY PROCEDURE

"Fishery Statistics of the United States" (Statistical Digest) is prepared by the Statistics and Market News Division, National Marine Fisheries Service (NMFS); U.S. Department of Commerce, and is a continuation of a series inaugurated by predecessor organizations in the Department of Interior, Commerce, and Commerce and Labor, and the U.S. Fish Commission. The Statistical Digest contains detailed statistics and analytical textual reviews on the commercial fisheries of the United States. Included are data on the quantity and value of the commercial landings of fishery products by States, larger geographic regions and gear; and the number of persons, vessels, boats, and fishing gear engaged in the fisheries. In the sections on the Great Lakes and Mississippi River, the catch is also tabulated by water bodies. The Statistical Digest also contains data on the volume and value of processed fishery products, freezings and cold storage holdings, foreign trade, and other related information.

Following is a brief history of the statistical surveys that have been conducted in the United States and a description of the procedures used to collect the different kinds of data in the various geographical areas of the country.

History--The first comprehensive statistical study of the fisheries and fishery industries of the United States was made for the year 1880 by George Brown Goode, Assistant Director of the U.S. National Museum, and associates, with the cooperation of the Commissioner of Fisheries and the Superintendent of the Tenth Census. Data for specific fisheries or geographic areas for years prior to 1880, also were collected in the early survey and recorded in Mr. Goode's reports. The survey for 1880, however, did not include the Mississippi River and its tributaries. Periodic general surveys of a limited number of States or limited areas of the United States were made for the years from 1880 to 1907 and from 1909 to 1928. The first complete statistical canvass of the entire United States was made for 1908 by the Bureau of the Census. The next general survey of the entire United States was not made until 1931, although complete data for all areas, excluding the Mississippi River and its tributaries, were collected for 1929 and 1930. Complete data on the catch and operating units for these same sections were also collected for 1932. In the latter survey, however, lack of sufficient funds prohibited collection of data on the wholesale and manufacturing operations except those data collected as a part of the canned fishery products and byproducts survey. Various geographic areas were surveyed during the years from 1933 to 1949, inclusive. A complete survey of all sections of the country was made for 1950. Since 1951, all of the coastal areas have been canvassed annually, and catch records have been obtained for the Great Lakes area. Complete operating unit and catch data have been obtained for all areas since 1954, except that only a partial survey of the Mississippi River and its tributaries was made for 1961. Data on the wholesale and manufacturing industries were collected in all of the surveys from 1933 to 1940, inclusive. In the years from 1941 to 1949, inclusive, and in 1951, lack of experienced personnel and budgetary limitations precluded the collection of data on wholesale and manufacturing firms except for those data collected as part of the canned fishery products, industrial products, and packaged fish surveys.

The chart on page 387 indicates the years for which surveys have been made in the various sections. Since the surveys of the fisheries have varied in completeness, three legends have been used for the years shown in the chart to indicate whether complete, partial, or no surveys were conducted in the individual regions. The designation "complete survey" has been used to indicate that basic operating unit and catch data were obtained and that complete information was collected on employment in wholesale and manufacturing establishments and on the production of manufactured fishery products. The legend "partial survey" usually indicates that operating unit and catch statistics were collected, but that no information was obtained on employment in wholesale and manufacturing establishments and that only partial data were obtained on the production of manufactured fishery products. In some instances the designation "partial survey" is used for regions in which only catch statistics were collected. The legend "no survey" indicates that a general canvass was not conducted to obtain operating unit, catch, employment in wholesale and manufacturing plants, and complete manufactured products data. Although the chart indicates that in certain regions no surveys were conducted, some information may be available on the landings at certain important ports. Likewise, information on the catch of certain species, such as menhaden, may be available as a result of data collected in connection with the annual canned fish and byproducts survey. Data on the annual production of canned fishery products and byproducts have been collected for all regions since 1921, while information has been obtained on the production of packaged fish for 1926 and annually since 1928.

A bibliography listing the various surveys made since 1880 and the publications in which the results were published appeared in Statistical Digest No. 43. "Fishery Statistics of the United States, 1956." Figures for recent years are available from NMFS in bulletin form, but data for the earlier years are available only in the Fish Commission and Bureau of Fisheries printed reports. These reports are on file in the Department of Commerce library and in many public libraries.

Field Personnel--The statistics contained in this volume have been collected by trained fishery reporting specialists of the National Marine Fisheries Service (NMFS) and, in some cases, by personnel of State fishery agencies. The fishery reporting specialists are assigned to field stations, generally in the principal port within their areas, and travel from that station to conduct their various surveys.

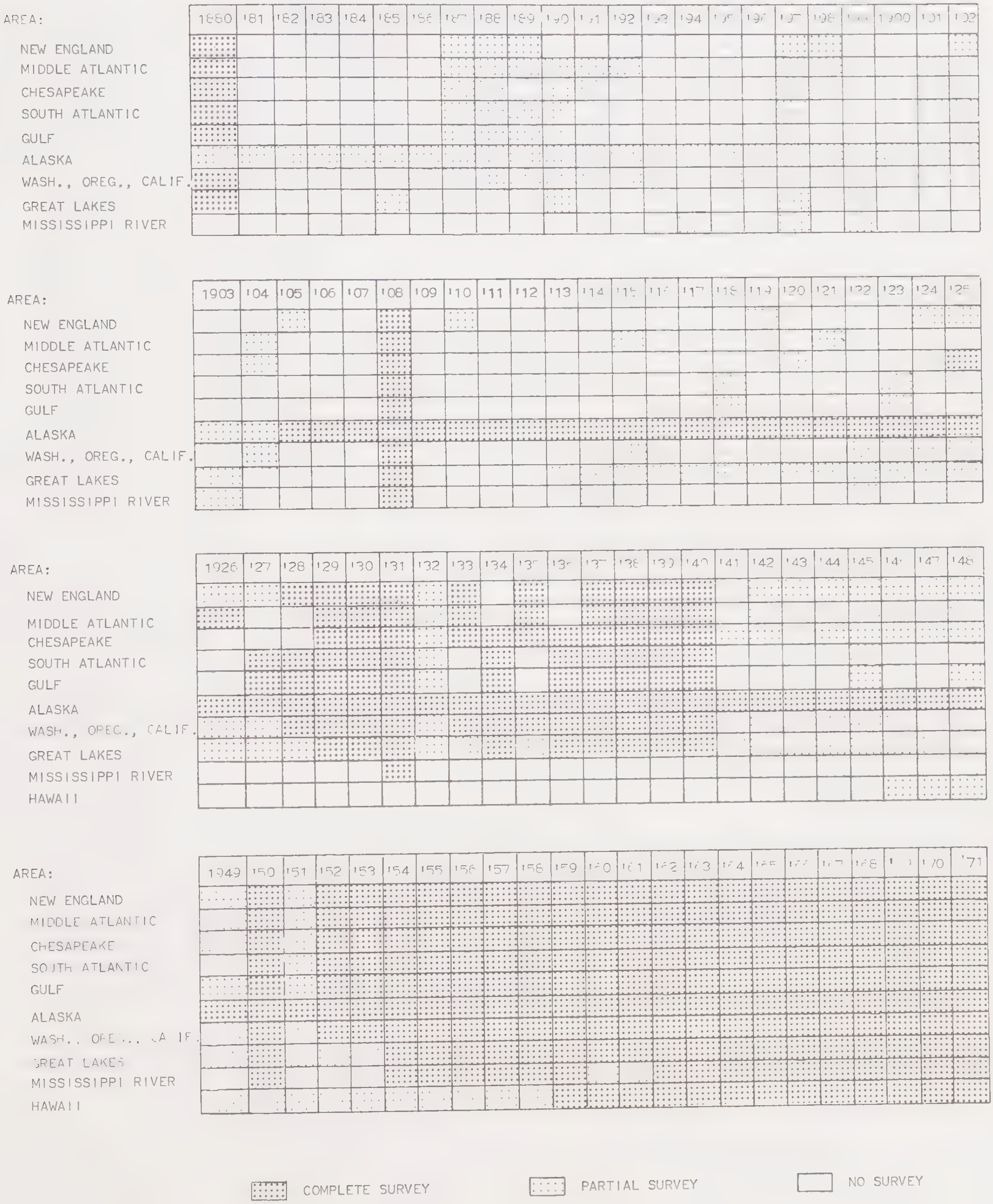
Period Covered--Most of the reporting agents collect statistics on landings for the current year and assemble final operating unit, catch, and processed products data for the previous year. It is usually 3 to 10 months after the end of the calendar year for which they are collecting data before the final figures for the Digest are available. The data are tabulated and prepared for publication as soon as possible after the end of the year. The figures are collected and published on a calendar year basis. Prior to 1930, statistics on the catch of oysters in the Atlantic and Gulf States were collected for the oyster season; this is, from September to April, inclusive. Since 1930, they have been collected on a calendar year basis.

Scope--The coastal statistical surveys include canvasses of the commercial fisheries of the oceans, bays, and coastal rivers as far inland as commercial fishing is important. This usually coincides with the range of commercial fishing for anadromous species. Statistics on the fisheries of the Mississippi River include those of the Mississippi River proper as well as all of its tributaries wherein commercial fishing for either fish, crustaceans, or mollusks is carried on. Statistics on the fisheries of the Great Lakes cover canvasses of the fisheries of the lakes proper, adjacent bays, the International Lakes of northern Minnesota, and rivers which sustain a commercial fishery having outlets into these waters. Statistics on the fisheries of Florida include the commercial fisheries in Lake Okeechobee and other inland lakes. Surveys for statistics of the wholesale and processing fishing industries cover plants located in the coastal, river, and lake areas adjacent to the waters mentioned above.

Methods of Collection--There are several methods used to collect fishery statistics, each of which has been carefully studied to obtain the best results with available personnel and funds. In the preparation of operating units data, field personnel are supplied with a deck of prepunched vessel cards obtained from the Bureau of Customs. These cards indicate the name, official number, rig code, gross tonnage, length, and year built. Field personnel enter the number of crewmen, and number and type of gear used by the vessel. These data are obtained by interview. Data on the craft of less than 5 net tons are obtained from State conservation agencies and by contact with firms purchasing fish or shellfish from fishermen. The data thus obtained are machine processed to ensure accuracy.

STATISTICAL SURVEY PROCEDURE

SURVEYS OF THE FISHERIES OF THE UNITED STATES



STATISTICAL SURVEY PROCEDURE

Data on over 96 percent of the catch are available from summaries of monthly landings bulletins and other current records assembled by NMFS or the various States. If complete catch data are not available from central sources, wholesale dealers and manufacturers of fishery products are visited, and data are obtained from them on their purchases of fish and shellfish. It is impossible for the few Service representatives available for this work to interview each fisherman in a given locality. However, the more important areas and a sufficient number of areas of lesser importance are visited to obtain reliable information on production, the number of fishing craft engaged, the quantity of gear operated, catch by gear and waters, and the number of persons employed as fishermen.

The Service's role with regard to fishery statistics is principally that of coordinating the collection of information and assembling, analyzing, publishing, and disseminating fishery data. The State fishery agencies in a number of States have developed relatively complete statistical systems which greatly facilitate the Service's surveys in these States. In such instances, the Service conducts only such surveys as may be necessary to make the data comparable with those of other States.

NMFS obtains from the records of the State fishery agencies most of the catch statistics for the fisheries of the Great Lakes, the northern Mississippi River area, and the International Lakes of northern Minnesota. To obtain data on the number of fishermen, boats, vessels, and gear, the Service conducts such personal surveys among the fishermen as may be necessary to supplement the State records.

NMFS statistical personnel are stationed at Seattle, Wash. and Terminal Island, Cal. for the purpose of surveying the fisheries of Washington, Oregon, and California. They obtain from the records of the State fishery departments figures on the volume of the catch and operating units. The value of the catch is derived from State and dealers records. In Washington and Oregon, data for operating units in the offshore fisheries are obtained from the records of various fishery organizations as well as from records of the State fishery agencies. Statistics on the wholesale fishery industry for this section are obtained largely by personal interviews.

In many States, NMFS and the fishery agency of the respective States cooperate in the collection and publication of current monthly and annual data on the catch. These data form the basis of the annual catch figures published in the Digest for the following States: Maine, Massachusetts, Rhode Island, New York, New Jersey, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, Ohio, Michigan, and Wisconsin.

In the administration of the Alaska fisheries, the State requires that copies of all receipts for fish and shellfish purchases from fishermen be furnished to the Alaska Department of Fish and Game. The data on these tickets are compiled and made available to NMFS. The summary data, by districts, are reproduced in this report.

Statistics on the volume of the catch of fish in the Great Lakes States usually are shown in weights as landed, which may be in the round or drawn condition. Statistics on the volume of the catch of fish taken in the remainder of the United States are usually shown in round weight.

The figures in the tables for shellfish represent the weight of the meats in the case of univalve and bivalve mollusks, and round weight in the case of crustaceans and such cephalopods as squid and octopus.

STATISTICAL SURVEY PROCEDURE

Shore and Vessel Fisheries--In general, statistics of the shore fisheries collected by NMFS representatives include data on the number of casual and regular fishermen; number of motor and other fishing boats (craft of less than 5 net tons capacity are called "boats"); type and quantity of gear used; and the volume, value, and method of capture of each species for each locality or group of localities. The availability of data collected by some State fishery agencies obviates the necessity of detailed surveys by NMFS personnel.

Statistics on the vessel fisheries include data on the number in the crew; rig of vessels; gross tonnage; kind and quantity of gear used; and volume, value, and method of capture of each species. Craft having a capacity of 5 net tons or over are called "vessels." As in the shore fisheries, the availability of figures collected by State fishery agencies may eliminate the necessity of Service agents collecting these data for individual vessels. Information on the year vessels were built was assembled for 1961, 1966, and 1968 to present.

Statistics on the quantity of gear operated indicate the maximum number of units fished at any one time during the year. Gear carried in reserve for replacement is not reported.

All persons engaged in commercial fishing operations are included as fishermen. In most areas, fishermen not on vessels have been divided into "regular" and "casual." Regular fishermen are defined as those who receive more than one-half their annual income from fishing, whereas casual fishermen are those who receive less than one-half their annual compensation from fishing. It has not been possible to separate regular from casual fishermen on the Pacific Coast.

Since 1942, the catch of fish and shellfish has been credited to the port at which it was landed. Prior to the survey for that year, it was the practice of NMFS to credit the entire catch of a vessel to the principal port at which fish or shellfish were unloaded, regardless of the actual home port of the vessels. This policy was discontinued since it quite often resulted in inconsistencies by crediting landings of some species to areas far removed from localities in which they are commonly taken. An outstanding example of this is the southern trawl fishery conducted off the New Jersey, Maryland, Virginia, and North Carolina coasts. Some fishing vessels from New England operate in this fishery for 6 to 10 weeks during the winter season. Prior to the survey for 1942, the catch of these vessels, consisting principally of fish common to Middle Atlantic waters, was credited to Massachusetts. Under the present system, this catch is credited to the Middle Atlantic ports where it is landed.

Since 1949 on the Pacific Coast and 1951 for the remainder of the country, craft, fishermen, and gear have been reported for each State in which they fished. A total exclusive of duplication is shown for each section and for the United States as a whole. Prior to the surveys for 1949, each craft on the Pacific Coast was credited to its home port unless it did not fish from that port during the year. In that case, it was credited to the locality where it landed the greatest portion of its catch. Prior to the survey for 1951, each craft on the Atlantic and Gulf Coasts and interior waters was credited to the port where it landed the greatest portion of its catch during the year. This system was changed to provide more accurate data on the total number of craft operating in a given State. With the increased mobility of the fishing fleet in recent years, the number of vessels fishing in more than one State has increased greatly.

Beginning with data for 1951, the reporting of units of gear was standardized so that nets or lines made up of small units for ease in handling, but fastened together in fishing, were counted as a single unit rather than as a number of smaller units. Prior to 1951, the small units were sometimes counted as individual pieces of gear even though they were combined for fishing. This rule does not apply to halibut longlines or setlines on the Pacific Coast. In this fishery, each skate of gear is counted as one line, even though fastened together in fishing, because the International Pacific Halibut Commission uses a skate as a unit in its studies of fishing intensity.

STATISTICAL SURVEY PROCEDURE

Beginning with 1962, only summary data have been shown on the number of fishing gear operated in the Great Lakes and the International Lakes of northern Minnesota. These data appear in the General Review section of the Digest in the table "Summary of Operating Units." In detailed operating unit tables for these lakes, the number and size of gear have been replaced by information on the fishing effort expended in the operation of each gear.

Publication of Data--Statistics on employment in the fisheries, craft and gear engaged, quantity and value of catch, and certain data on industries related to the fisheries are summarized according to geographic divisions and published in bulletin form as soon as possible after the completion of each survey. Later, the figures, in more detail, are included in this statistical report.

Data on the operating units (fishermen, fishing craft, and gear) and catch by counties for the Atlantic and Gulf States have been included in these annual statistical reports for the years from 1928 to 1938 except for 1932. These data have also been published in the digests for the years 1945, 1950, 1955, and 1960. County data were collected for the State in which surveys were conducted during the years since 1938, except for Maryland. Between 1942 and 1959, only operating unit data by counties have been obtained for Maryland. Complete data were obtained for 1960. County data assembled for the years since 1938 which were not published in the Digest are on file in the Washington Office of the Statistics and Market News Division.

LOCAL AND SPECIAL SURVEYS

Landings at Certain Massachusetts Ports--Detailed statistics are collected on the landings of aquatic products by individual fishing craft at Boston, Gloucester, New Bedford, Plymouth, Provincetown, and other Cape Cod ports. Data on the landings at Boston and Gloucester have been collected annually since 1893. Information on landings at New Bedford has been collected annually since 1938; and at Plymouth, Provincetown, and other Cape Cod ports since 1945. NMFS representatives are stationed at the principal ports. They obtain figures on the quantity and value of fish landed daily by fishing craft, the dates of departure and arrival of the craft, the gear used in their capture, the grounds from which the fish were taken, and other related information. The Service's Office of Resource Research cooperates in the collection of these data.

Statistics on landings at the above ports are released monthly and annually in bulletin form, and summary data are published in the annual Statistical Digest.

Shad and Alewife Fisheries--Surveys for statistics on the catch, value of catch, and operating units in the Hudson and Potomac River shad fisheries are made annually. On the Potomac River, similar statistics are also obtained for the alewife fishery. Much of the data required for these surveys is available from the States' fishery agencies.

Annual data on the shad and alewife fisheries are not published separately in bulletin form. However, a summary is published in the Digest.

Statistics on the Hudson River shad fishery are available for 1896, 1897, 1898, 1901, 1904, 1910, and continuously since 1915. Data for the Potomac River shad fishery are available for 1896, 1901, 1904, 1909, 1915, from 1919 to 1942, inclusive, and continuously since 1944. Statistics on the Potomac River alewife fishery are available for 1896, 1909, 1915, from 1919 to 1942, inclusive, and continuously since 1944.

Pacific Halibut Fishery--Statistics on the Pacific halibut fishery are obtained primarily from the International Pacific Halibut Commission. Beginning with data for 1956, the fleet classification of halibut craft was revised and vessels were credited in operating unit tables to each district in which they landed fish; the only exception being the U.S. vessels landing at Prince Rupert, British Columbia, are credited to Southeastern Alaska. Duplication of halibut craft which operated in more than one district has been eliminated in regional and national totals. The catch by the halibut fleet is credited to the port of landing except that fish landed by U.S. halibut craft in British Columbia, is credited to Southeastern Alaska. Halibut statistics are also included in the monthly and annual summaries published by the Seattle Fishery Market News Office. Statistics on the landings of halibut at Pacific Coast ports have been collected since 1925.

South Atlantic and Gulf of Mexico Shrimp Fishery--Detailed statistics on quantity and value of shrimp, by variety and size, landed at South Atlantic and Gulf ports, have been collected for the Gulf area since 1956 and the South Atlantic since 1957. Since 1956, NMFS personnel have also obtained daily information on the number of fishing trips, area and depth fished, and time spent fishing for craft landing at U.S. ports in the Gulf of Mexico. Various fishery agencies of the southern States cooperate in the collection of these data.

Detailed monthly and annual summaries of the statistics on shrimp catch and landings are published in bulletin form and are summarized in the Statistical Digests.

Historical Fishery Statistics--NMFS has in its files and in various reports or publications, a large volume of historical data on fisheries. Beginning with the 1951 Digest, a section entitled "Historical Fishery Statistics," which includes complete historical information on selected species, has been carried. There is published each year a listing of the titles of the series of data appearing in earlier editions.

Review of Certain Major Fisheries--For the years 1942-70, tabulations containing complete data on the catch of certain major species, have been included in a section of the Digest entitled "Review of Certain Major Fisheries." Although the data are included in the detailed catch tables of the various States, they are consolidated in this section to provide a single source of data for cod, haddock, halibut, menhaden, Atlantic ocean perch, salmon, tuna, oysters, clams, crabs, and shrimp. Data on operating units in the following fisheries have likewise been consolidated in this section: halibut, salmon purse seine and troll line, Atlantic and Pacific Coast tuna, menhaden purse seine, fish and shrimp otter trawls. Tabulations for 1971 will be shown in the 1972 Digest.

Canned Fishery Products and Industrial Products--Since 1921, NMFS has made annual sectional surveys for statistics on canned and industrial fishery products. These surveys are started the first week in January of each year for statistics on the production in the preceding year. So far as possible, the Service obtains by mail, statistics on the annual production of each domestic canned and industrial fishery products plant. If it is impossible to obtain the information by mail, the report is secured by a NMFS representative. Included in the data obtained are statistics on the yield and value of the canned products by type of commodity, can size, and area of production. Data on industrial products are obtained by commodity and area of production. The value shown for canned and industrial products is the gross amount received by the packer at the production point. No deductions are made for commissions or expenses.

Annual statistical bulletins are issued on this trade, and detailed data are published in the Statistical Digest. Prior to 1921, canned and industrial products data were not collected for the entire country. However, data on the production of these products were usually obtained for the areas in which general canvass surveys were conducted.

Fish Meal and Oil--Data are collected monthly on the domestic production of fish meal, body oil and fish solubles. This information is released monthly and annually in the Service's Current Fishery Statistics series of bulletins.

Fish Fillets and Steaks--Statistics on the annual production and value of fish fillets and steaks in the United States are obtained in conjunction with the canned and industrial fishery products survey. These data are released annually in bulletin form and in the annual Statistical Digest. Statistics on the production of fillets and steaks are available for 1926 and annually since 1928, except that no data were collected in California for the years 1941 to 1946, inclusive.

STATISTICAL SURVEY PROCEDURE

Fish Sticks and Portions--Quarterly information is collected and published on the production and value of breaded, cooked and raw fish sticks, breaded, cooked and raw fish portions, and unbreaded fish portions. The data are released in the Service's Current Fishery Statistics series of bulletins.

Cold-Storage Holdings of Fish--Information on the monthly freezings and holdings of fishery products is obtained from cold storage warehouses by mail and by NMFS employees. Data are also obtained on the holdings of certain cured fish. Bulletins showing these statistics are issued monthly and annually.

Detailed cold-storage statistics also are published in the Statistical Digest. Information regarding cold-storage holdings of fishery products has been published since 1917, while data on the quantity of fish frozen have been released for the years from 1920 to 1925, inclusive, and continuously since 1928.

Foreign Fishery Trade--Statistics on foreign trade are obtained from compilations made by the Bureau of the Census, Department of Commerce. Statistics on all known imported or exported fishery products have been assembled and published annually since 1926 in the Digest. For earlier years, figures are available in the reports of the Bureau of the Census, Bureau of Foreign and Domestic Commerce, the Bureau of Statistics, the Department of Commerce and Labor, or the Treasury Department.

PRACTICES AND TERMS

Certain practices and terms used in this report are explained below.

Operating Units--Operating units include persons employed in the fisheries, and craft and gear engaged in the fisheries.

Vessel--A craft having a capacity of 5 net tons or over.

Boat--A craft having a capacity of less than 5 net tons.

Days Absent--In computing "days absent" for vessels landing fares at certain Massachusetts ports, the day of arrival, but not the day of departure, is included; thus, a vessel leaving port on the 8th of the month and returning on the 15th of the month will be credited with 7 days absence. Prior to 1944, "days absent" included both the day of departure and the day of arrival.

Days Fished--In computing "days fished" for fishing craft landing shrimp at Gulf of Mexico ports, the total number of hours spent in fishing effort has been divided by 24.

Fish--The term "fish" as used in this report includes all species belonging to the class Pisces.

Shellfish et al.--A shellfish is an aquatic invertebrate animal having a shell, such as a mollusk or crustacean. However, in order to reduce the classifications appearing in the catch tables, all items not properly listed as "Fish" or "Whale Products" have been included under "Shellfish et al." Accordingly, turtles, frogs, sponges, seaweed, and worms are included under this classification.

STATISTICAL SURVEY PROCEDURE

Whale Products--Since data are not available on the poundage of whales taken, statistics appearing in catch tables on the yield of these mammals represent the weight of products produced such as meal, sperm oil, and whale oil. The values shown represent the amount received by the manufacturer for the products.

Incidental Catch--The term "incidental catch" refers to the catch of certain species by a type of gear which ordinarily does not capture such species.

Percentages--Percentages are usually shown as whole numbers. Fractions of percents are dropped if less than five-tenths, and the percentage is raised to the next higher integer if the fraction is greater than five-tenths. If the fraction is exactly five-tenths, odd integers are raised to the next even figure while even integers remain unchanged.

Converting--Many of the figures shown in the summary tables published herewith have converted to thousands of pounds or thousands of dollars. In making these conversions the sum of the items in a table is raised or lowered to the nearest thousand in accordance with standard statistical procedures. The individual items are adjusted to conform to the total thus obtained.

Confidential Data--The statistical data collected by the Service are confidential, and, unless specific authorization is given, are not released in a manner that would divulge private enterprise.

CONVERSION FACTORS

It is the policy of the Service to show detailed catch figures of all products in pounds for the sake of uniformity and for the purposes of comparison. This represents little difficulty in the case of fish, since in very rare instances are fish reported in units of measure other than pounds. For shellfish, however, the units of measure may be bushels, sacks, barrels, numbers, gallons of meats, etc. So many units make standardization difficult, and when combined with the wide variation in the requirements or definitions of some of these units in the various States, the problem becomes even more complex.

All univalve and bivalve mollusks (except fresh-water mussel shells) are reported in pounds of meats in the detailed catch tables presented in this report. In addition, there are included supplementary tables for most of the sections, which give data on the production in bushels. These supplementary tables also give the production in number of certain other shellfish, such as crabs. There also is included in the General Review section of this report a table containing data on the shell weight of univalve and bivalve mollusks taken.

Oysters--Probably the greatest problem in the presentation of fishery statistics in uniform units of measure is in the case of oysters. Usually the production of oysters on the Atlantic and Gulf Coasts is reported to NMFS personnel in bushels. Prior to the data obtained for the year 1930, bushels were converted to pounds of meats on the basis of a uniform yield of 7 pounds of meats to the bushel. However, it was found that there was considerable variation in the yield of oysters per bushel particularly in Southern States where the yield has ranged as low as half the conversion factor used prior to 1930. There follows a table which gives the measures used for oysters in the various States and the average yields per bushel. The statistical tables in this report are based on these average yields.

MEASURES AND YIELD OF OYSTERS

STATE	CAPACITY OF STATE BUSHEL	VARIATION FROM U.S. STANDARD BUSHEL		YIELD OF MARKET OYSTERS, 1971	
				STATE BUSHEL	U.S. STANDARD BUSHEL
	CUBIC INCHES		PERCENT	POUNDS OF MEATS	
MAINE	2,150.4	-	-	-	-
MASSACHUSETTS	2,150.4	-	-	6.50	6.50
RHODE ISLAND	2,150.4	-	-	6.99	6.99
CONNECTICUT	2,150.4	-	-	7.64	7.64
NEW YORK	2,150.4	-	-	7.51	7.51
NEW JERSEY	2,257.3	+ 106.9	+ 5.0	5.83	5.55
DELAWARE	2,257.3	+ 106.9	+ 5.0	7.34	6.99
MARYLAND	2,800.7	+ 650.3	+ 30.3	8.78	6.74
VIRGINIA	3,003.9	+ 853.5	+ 39.7	7.00	5.01
NORTH CAROLINA	2,801.9	+ 651.5	+ 30.3	6.50	4.99
SOUTH CAROLINA	4,071.5	+ 1,921.1	+ 89.3	4.90	2.59
GEORGIA	5,343.9	+ 3,193.5	+ 148.5	7.95	3.20
FLORIDA, EAST COAST	3,214.1	+ 1,063.7	+ 49.5	6.10	4.08
FLORIDA, WEST COAST	3,214.1	+ 1,063.7	+ 49.5	6.14	4.11
ALABAMA	2,826.2	+ 675.8	+ 31.4	7.07	5.38
MISSISSIPPI	2,826.2	+ 675.8	+ 31.4	5.40	4.11
LOUISIANA	2,148.4	- 2.0	- 0.1	4.90	4.90
TEXAS	2,700.0	+ 549.6	+ 25.6	6.47	5.15

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN MOLLUSKS, 1971

STATE	CLAMS						
	HARD		OCEAN QUAHOG	RANGIA	RAZOR	SOFT	SUNRAY VENUS
	PUBLIC	PRIVATE					
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL						
MAINE	11.00	-	-	-	-	15.00	-
MASSACHUSETTS	11.00	11.00	10.00	-	16.00	13.00	-
RHODE ISLAND	12.00	-	10.00	-	-	13.00	-
CONNECTICUT	12.00	12.00	10.00	-	-	13.00	-
NEW YORK	12.00	12.00	-	-	16.00	16.00	-
NEW JERSEY	10.00	10.00	-	-	-	12.00	-
DELAWARE	8.00	-	-	-	-	-	-
MARYLAND	8.00	-	-	-	-	12.00	-
VIRGINIA	8.00	8.00	-	-	-	-	-
NORTH CAROLINA	8.75	-	-	8.10	-	-	-
SOUTH CAROLINA	8.75	-	-	-	-	-	-
FLORIDA, EAST COAST	8.00	-	-	-	-	-	-
FLORIDA, WEST COAST	8.50	-	-	-	-	-	6.89

STATE	CLAMS - CONTINUED	CONCHS	MUSSELS, SEA	PERIWINKLES AND COCKLES	SCALLOPS		
	SURF				BAY	CALICO	SEA
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL						
MAINE	-	15.00	15.00	18.00	-	-	6.00
MASSACHUSETTS	11.00	15.00	10.00	-	6.00	-	6.00
RHODE ISLAND	11.00	15.00	-	-	6.00	-	6.00
CONNECTICUT	-	15.00	10.00	-	-	-	-
NEW YORK	17.00	15.00	10.00	-	6.00	-	6.00
NEW JERSEY	17.00	20.00	-	-	-	-	6.00
DELAWARE	17.00	-	-	-	-	-	-
MARYLAND	17.00	20.00	-	-	-	-	-
VIRGINIA	17.00	20.00	-	-	-	-	6.00
NORTH CAROLINA	-	-	-	-	6.00	3.53	-
FLORIDA, EAST COAST	-	14.00	-	-	-	2.67	-
FLORIDA, WEST COAST	-	-	-	-	4.68	-	-

STATISTICAL SURVEY PROCEDURE

RECOVERY OF SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO HEADS-ON WEIGHT

ITEM	SOUTH ATLANTIC AND GULF CATCH		PACIFIC AND NORTH ATLANTIC CATCH	
	PERCENT RECOVERY FROM HEADS-ON WEIGHT	TO CONVERT TO HEADS-ON WEIGHT, MULTIPLY BY:	PERCENT RECOVERY FROM HEADS-ON WEIGHT	TO CONVERT TO HEADS-ON WEIGHT, MULTIPLY BY:
HEADLESS:				
BROWN (PENAEUS AZTECUS) .	62.1	1.61	-	-
PINK (PENAEUS DUORARUM) .	62.5	1.60	-	-
WHITE (PENAEUS SETIFERUS)	64.9	1.54	-	-
ROYAL RED (HYMENOPENAEUS ROBUSTUS).	55.6	1.80	-	-
SEA BOBS (XIPHOPENAEUS KROYERI)	65.4	1.53	-	-
OTHER (MOSTLY PANDALUS SPECIES)	-	-	57.0	1.75
ALL SPECIES (WEIGHTED AVERAGE)	62.9	1.59	57.0	1.75
PEELED FANTAIL, RAW 1/. . .	50.0	2.00	-	-
PEELED, RAW 1/.	49.0	2.04	28.0	3.57
PEELED, COOKED 1/	31.9	3.13	-	-
BREADED, RAW (INCLUDING FANTAIL) 1/.	100.0	1.00	-	-
DRIED 1/.	13.0	7.69	-	-
CANNED 1/	31.2	3.21	[illegible]	[illegible]

1/ AVERAGE FOR ALL SPECIES

NOTE:--EFFECTIVE IN 1962, THE CONVERSION FACTORS LISTED ABOVE BECAME THE STATISTICS AND MARKET NEWS DIVISIONS FACTORS FOR CONVERTING VARIOUS SHRIMP PRODUCTS TO HEADS-ON (ROUND) WEIGHT.

STATISTICAL SURVEY PROCEDURE

RECOVERY OF PROCESSED SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO WEIGHT OF RAW BASIC PRODUCT, SOUTH ATLANTIC AND GULF STATES

BASIC PRODUCT, RAW	PROCESSED PRODUCT			
	HEADLESS RAW	PEELED FANTAIL RAW	PEELED RAW	PEELED COOKED
HEADS-ON (ROUND)	62.9%	50.0%	49.0%	31.9%
FACTOR	1.59	2.00	2.04	3.13
HEADLESS	100.0%	79.6%	77.9%	50.7%
FACTOR	1.00	1.26	1.28	1.97
PEELED	-	-	100.0%	65.1%
FACTOR	-	-	1.00	1.54

BASIC PRODUCT, RAW	PROCESSED PRODUCT - CONTINUED		
	BREADED RAW	CANNED	DRIED
HEADS-ON (ROUND)	100.0%	31.2%	13.0%
FACTOR	1.00	3.21	7.69
HEADLESS	159.0%	49.6%	20.7%
FACTOR	0.63	2.02	4.83
PEELED	204.1%	63.7%	26.5%
FACTOR	0.49	1.57	3.77

SEE NOTE BELOW FOLLOWING TABLE.

RECOVERY OF PROCESSED SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO WEIGHT OF RAW PRODUCT, PACIFIC AND NORTH ATLANTIC STATES

BASIC PRODUCT, RAW	PROCESSED PRODUCT		
	HEADLESS RAW	PEELED RAW	CANNED
HEADS-ON (ROUND)	57.0%	28.0%	16.0%
FACTOR	1.75	3.57	6.25
HEADLESS	100.0%	49.1%	28.1%
FACTOR	1.00	2.04	3.56
PEELED	-	100.0%	57.1%
FACTOR	-	1.00	1.75

NOTE:--THE QUANTITY OF PROCESSED PRODUCT MULTIPLIED BY THE FACTOR LISTED YIELDS THE WEIGHT OF BASIC PRODUCT REQUIRED TO PRODUCE THE PROCESSED PRODUCT.

OTHER CONVERSION FACTORS

ITEM	WHEN REPORTED AS	TO CONVERT TO:	MULTIPLY BY
OYSTERS.	GALLONS OF SHUCKED MEATS	POUNDS OF SHUCKED MEATS	8.75
CLAMS.	"	"	8.75
SCALLOPS	"	"	8.75
OILS, FISH AND WHALE	GALLONS	POUNDS	7.75
CRAB MEAT:			
BLUE	POUNDS	LIVE WEIGHT	7.14
DUNGENESS.	"	" "	4.17

SECTION 13 - GLOSSARY

In order to prevent misunderstanding in the use of common names employed in the tables and discussions, the following list of common and scientific names is given for fish, shellfish, and other aquatic products taken by United States fishermen.

Common names as shown in Bureau reports	Other common names	Scientific names
FISH		
Alewives	Branch herring, big-eyed herring, river herring	*Alosa pseudoharengus*
	Blueback, glut herring, shad herring	*Alosa aestivalis*
Amberjack	Jack	*Seriola* species
Anchovies		*Engraulis mordax* (Pacific)
Angelfish		*Pomacanthus* species *Angelichthys* species
Anglerfish	Goosefish, allmouth, headfish, monkfish, bellyfish	*Lophius americanus*
Ballyhoo	Balao	*Hemiramphus brasiliensis*
Barracuda		*Sphyraena* species
Bluefish	Tailor, skipjack	*Pomatomus saltatrix*
Blue pike	Pike perch, hard pike, blue pickerel (Canada)	*Stizostedion vitreum glaucum*
Blue runner	Runner, hardtail, crevalle	*Caranx crysos*
Bonito		*Sarda sarda* (Atlantic) *Sarda chiliensis* (Pacific)
Bowfin	Fresh-water dogfish, grindle	*Amia calva*
Brown trout		*Salmo trutta*
Buffalofish	Winter carp	*Ictiobus* species
Burbot	Lawyer, ling	*Lota lota*
Butterfish		*Poronotus triacanthus*
Cabezone	Marbled sculpin	*Scorpaenichthys marmoratus*
Cabio	Black bonito, cobia, ling, lemonfish	*Rachycentron canadus*
Cabrilla	Rock bass	*Epinephelus analogus* (Pacific)
Carp	German carp, summer carp	*Cyprinus carpio*
Catfish and bullheads		*Ictalurus* species *Pylodictis olivaris*
Chubs	Longjaw, bluefin, blackfin (United States), tullibee (Canada)	All *Leucichthys* except *artedi* (Great Lakes)
Cigarfish	Scad	*Decapterus punctatus*
Cisco	Herring (Canada)	*Leucichthys artedi* (Lake Erie only)
Cod	Codfish	*Gadus morhua* (Atlantic) *Gadus macrocephalus* (Pacific)
Crappie	White crappie, calico bass	*Pomoxis annularis*
	Black crappie	*Pomoxis nigromaculatus*
Crevalle	Common jack, jackfish	*Caranx hippos*
Croaker	Crocus, hardhead	*Micropogon undulatus*
Cunner	Chogset, blue perch, bergall	*Tautogolabrus adspersus*
Cutlassfish	Silver eel	*Trichiurus lepturus*
Cusk		*Brosme brosme*
Dolly Varden trout	Salmon trout, bull trout	*Salvelinus malma*
Dolphin		*Corphaena hippurus*
Drum:		
Black	Oyster cracker, oyster drum, sea drum	*Pogonias cromis*
Red	Channel bass, redfish, spotted bass	*Sciaenops ocellata*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Eel:		
Common		*Anguilla rostrata*
Conger		*Conger oceanicus*
Flounders:		
Atlantic and Gulf Coasts:		
Gray sole		*Glyptocephalus cynoglossus*
Lemon sole	(weighing over 3-1/2 pounds each)	*Pseudopleuronectes americanus*
Blackback	Winter flounder (weighing under 3-1/2 pounds each)	
Yellowtail	Dab	*Limanda ferruginea*
Dab	Sea dab	*Hippoglossoides platessoides*
Fluke	Summer flounder, gulf flounder, flounder	*Paralichthys* species
Pacific Coast:		
Arrowtooth halibut		*Atheresthes stomias*
California halibut		*Paralichthys californicus*
Sand dabs		*Citharichthys sordidus*
"Sole":		
Dover		*Microstomus pacificus*
English		*Parophrys vetulus*
Petrale		*Eopsetta jordani*
Rex		*Glyptocephalus zachirus*
Sand		*Psettichthys melanostictus*
Unclassified		Pleuronectidae and Bothidae
Flying fish		*Cypselurus* species
Garfish	Gar, sea gar	*Lepisosteus* species
Gizzard shad	Nanny shad, mud shad, winter shad	*Dorosoma cepedianum*
Goldfish	Sand perch, gold perch	*Carassius auratus*
Groupers	"Sea bass"	*Epinephelus* species *Mycteroporca* species
Grunts	Margate fish, sailors' choice	*Haemulon* species
Haddock		*Melanogrammus aeglefinus*
Hake:		
Red	Squirrel hake, ling, black hake, mud hake	*Urophycis chuss* (Atlantic)
White	Hake	*Urophycis tenuis* (Atlantic)
Pacific	Merluccio	*Merluccius productus* (Pacific)
Halfmoon	Rudder fish	*Medialuna californiensis*
Halibut		*Hippoglossus hippoglossus* (Atlantic) *Hippoglossus stenolepis* (Pacific)
Hardhead	Sacramento rockfish	*Orthodon microlepidotus* (Pacific)
Harvestfish	Starfish, dollarfish, pappyfish, butterfish (N.C.)	*Peprilus paru*
Herring:		
Lake	Herring	*Leucichthys artedii* (Great Lakes except Erie)
Sea		*Clupea harengus* (Atlantic) *Clupea pallasii* (Pacific)
Thread		*Opisthonema oglinum*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Hickory shad	Tailor shad, skip, autumnal herring	*Alosa mediocris*
Hogchoker		*Trinectes maculatus*
Hogfish	Capitaine, perro perro	*Lachnolaimus maximus*
Jack mackerel	Horse mackerel	*Trachurus symmetricus*
Jewfish		*Promicrops itaiara*
King croaker	Kingfish, white croaker	*Genyonemus lineatus*
King mackerel	Cero, kingfish	*Scomberomorus cavalla* *Scomberomorus regalis*
King whiting or "kingfish"	Whiting, sea mink, ground mullet	*Menticirrhus* species
Lake trout		*Salvelinus namaycush*
Lamprey		*Petromyzon marinus* (Atlantic) *Lampetra tridentatas* (Pacific)
Launce	Sand eel, lant, sand launce	*Ammodytes americanus*
Lingcod	Cultus cod, blue cod, buffalo cod, ling	*Ophiodon elongatus*
Boston mackerel		*Scomber scombrus* (Atlantic)
Pacific mackerel		*Scomber japonicus*
Menhaden	Mossbunker, pogy, fatback	*Brevoortia* species
Minnows		Cyprinidae
Mojarra	Sand perch, sand bream	Gerridae
Mooneye	Goldeye, toothed herring	*Hiodon* species
Mullet	Jumping mullet, striped mullet, silver mullet	*Mugil* species
Muttonfish	Mutton snapper	*Lutjanus analis*
Ocean perch:		
Atlantic	Rosefish, redfish, red perch	*Sebastes marinus*
Pacific		*Sebastodes alutus*
Ocean pout	Eelpout, sea pout	*Macrozoarces americanus*
Opaleye		*Girella nigricans*
Paddlefish	Spoonbill cat	*Polyodon spathula*
Perch	Surffish	Embiotocidae (Pacific)
Permit		*Trachinotus goodei*
Pigfish	Hogfish (N.C.)	*Orthopristis chrysopterus*
Pike or pickerel	Great Lakes pike	*Esox* species
Pinfish	Bream, salt-water bream	*Lagodon rhomboides*
Pollock	Boston bluefish	*Pollachius virens* (Atlantic)
Pompano		*Trachinotus* species (Atlantic) *Palometa simillima* (Pacific)
Quillback	Spearfish or skimfish	*Carpiodes* species
Ratfish		*Hydrolagus colliei*
Rock bass	Redeye, goggle-eye, groupers, sand bass	*Ambloplites rupestris* (fresh-water) *Paralabrax nebulifer* (Pacific)
Rockfishes	Rock cod, snapper	*Sebastodes* species (Pacific)
Sablefish	Black cod	*Anoplopoma fimbria*
Salmon:		
Atlantic		*Salmo salar* (Atlantic)
Pacific:		
Chinook or king	Tyee, spring	*Oncorhynchus tshawytscha*
Chum or keta	Fall, dog	*Oncorhynchus keta*
Pink	Humpback	*Oncorhynchus gorbuscha*
Red or sockeye	Blueback	*Oncorhynchus nerka*
Silver or coho		*Oncorhynchus kisutch*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Sand perch	Yellowtail, silver perch	*Bairdiella chrysura*
Sardine (Pacific)	Pilchard	*Sardinops caerulea* (Pacific)
Sauger	Sand pike	*Stizostedion canadense*
Saury	Mackerel-pike	*Cololabis saira*
Sawfish		*Pristis pectinatus*
Sculpin	Scorpionfish	*Myoxocephalus* species
Scup or porgy	Porgee, paugy, fair maid	*Calamus and Stenotomus* species
Sea bass:		
Black	Black jewfish (Pacific)	*Stereolepis gigas*
	Blackfish (Atlantic)	*Centropristes striatus*
White		*Cynoscion nobilis* (Pacific)
Sea catfish	Gafftopsail	*Bagre marinus*
Sea robin		*Prionotus* species
Sea trout or weakfish:		
Gray	Gray trout, squeteague	*Cynoscion regalis*
Spotted	Spotted trout, speckled trout	*Cynoscion nebulosus*
White	White trout, sand trout	*Cynoscion arenarius*
Shad	American shad, white shad	*Alosa sapidissima*
Sharks:		
Grayfish	Dogfish, spiny and smooth dog	*Squalus* and *Mustelus* species
Soupfin		*Galeorhinus zyopterus*
Other		*Carcharodon, Carcharias, Sphryna, Prionace and Lamna* species
Sheepshead:		
Fresh-water	Fresh-water drum, gaspergou, gou	*Aplodinotus grunniens*
Salt-water		*Archosargus* species (Atlantic)
	California redfish, fathead	*Pimelometopon pulcher* (Pacific)
Sierra		*Scomberomorus sierra* (Pacific)
Silversides	Spearing	*Menidia* species
Skates	Ray, rajafish	*Raja* species
Smelt		*Osmerus mordax* (Atlantic and Great Lakes), Atherinidae and Osmeridae (Pacific)
	Eulachon	*Thaleichthys pacificus*
Snapper:		
Mangrove	Gray snapper	*Lutjanus griseus*
Red		*Lutjanus blackfordii*
Vermilion		*Rhomboplites* species
Yellowtail		*Ocyurus chrysurus*
Snook	Robalo, sergeantfish, pike	*Centropomus undecimalis*
Spadefish	Angelfish	*Chaetodipterus faber*
Spanish mackerel	Mackerel	*Scomberomorus maculatus*
Spanish sardine		*Sardinella anchovia*
Splittail		*Pogonichthys macrolepidotus*
Spot	Lafayette, goody	*Leiostomus xanthurus*
Steelhead trout	Salmon trout	*Salmo gairdneri*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Striped bass	Rockfish, rock	*Roccus saxatilis*
Sturgeon:		
Common		*Acipenser* species
Shovelnose		*Scaphirhynchus platorynchus*
Suckers	Fresh-water mullet, redfin, bayfish	*Catostomus* species
Sunfish	Bream, perch, bluegill	*Lepomis* species
Swellfish	Puffer, swell toad, globefish, blowfish	*Sphaeroides maculatus*
Swordfish		*Xiphias gladius*
Tautog	Blackfish, oysterfish	*Tautoga onitis*
Tenpounder	Big-eyed herring, ladyfish	*Elops saurus*
Thimble-eyed mackerel	Chub mackerel, bullseye mackerel	*Pneumatophorus colias*
Tilefish		*Lopholatilus chamaeleonticeps*
Tomcod	Frost fish	*Microgadus tomcod* (Atlantic) *Microgadus proximus* (Pacific)
Triggerfish		*Balistes* species
Tripletail	Sunfish (N.C.), blackfish	*Lobotes surinamensis*
Tullibee	(See chubs)	
Tuna:		
Albacore	Longfin tuna	*Thunnus alalunga*
Bluefin	Horse mackerel	*Thunnus thynnus*
Little	Bonito, albacore, false albacore	*Euthynnus alletteratus*
Skipjack	Striped tuna	*Katsuwonus pelamis*
Yellowfin		*Thunnus albacares*
Turbot		Pleuronectidae (Pacific)
Wahoo		*Acanthocybium solandri*
Warsaw	Black Jewfish	*Garrupa nigrita*
Whitebait	Silversides	*Menidia beryllina* (Atlantic) Small fry of several species (Pacific)
White bass	White lake bass	*Roccus chrysops*
Whitefish:		
Common		*Coregonus clupeaformis*
Menominee		*Prosopium quadrilaterale*
White perch		*Morone americana*
Whiting	Silver hake	*Merluccius bilinearis*
Wolffish	Ocean catfish (New England)	*Anarhichas lupus*
Yellow bass	Bar fish	*Roccus mississippiensis*
Yellow perch	Ringed perch, perch	*Perca flavescens*
Yellow pike	Wall-eyed pike, pike perch, dore (Canadian).	*Stizostedion vitreum vitreum*
Yellowtail	(For Atlantic, see snapper, yellowtail)	*Seriola dorsalis* (Pacific)
CRUSTACEANS		
Crabs:		
Blue.		
Hard	Hard-shell crab	*Callinectes sapidus*
Soft and peeler	Soft-shell crab	
Dungeness		*Cancer magister*
King	Alaska king crab	*Paralithodes camschatica*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
RUSTACEANS - Continued		
Crabs: - Continued		
Rock		*Cancer irroratus* (New England) *Cancer* species (California)
Stone		*Menippe mercenaria*
Crawfish:		
Fresh-water	Crayfish	*Cambarus* species (Atlantic) *Astacus* species (Pacific)
Salt-water	(See lobsters, spiny)	
Horseshoe crab	King crab	*Limulus* species
Lobsters:		
Northern		*Homarus americanus* (Atlantic)
Spiny	Sea crawfish, rock lobster	*Panulirus argus* (Atlantic) *Panulirus interruptus* (Pacific)
Shrimp	Prawn	*Penaeus*, *Pandalus*, and *Xiphopenaeus* (Atlantic), *Pandalus*, *Pandalopsis*, and *Crangon* species (Pacific)
MOLLUSKS		
Abalone		*Haliotis* species
Clams:		
Cockle		*Cardium corbis* (Pacific)
Hard	Butter	*Saxidomus nuttalli* (Pacific)
	Little neck	*Protothaca staminea* (Pacific)
	Round clam, cherrystone, quahog, little neck	*Venus mercenaria*, *Mercenaria mercenaria*
Ocean quahog		*Arctica islandica*
Razor		*Ensis* species (Atlantic) *Siliqua patula* (Pacific)
Soft	Soft-shell clam, sand clam, nannynose, maninose	*Mya arenaria*
Surf	Skimmer	*Spisula solidissima*
Conchs		*Strombus* species *Busycon* species
Mussels:		
Sea		*Mytilus californianus* (Pacific) *Mytilus edulis* (Atlantic)
Fresh-water:		
Mussel shells		Unionidae
Pearls and slugs		
Octopus	Devilfish	*Paroctopus appollyon*
Oysters:		
Eastern	Cove	*Crassostrea virginica*
Pacific	Japanese	*Crassostrea gigas*
Western	Olympia, native	*Ostrea lurida*
Periwinkles or cockles		*Littorina* species
Scallops:		
Bay		*Pecten* species (Atlantic) *Pecten caurinus* (Pacific)
Sea		*Placopecten magellanicus*

(Continued on next page)

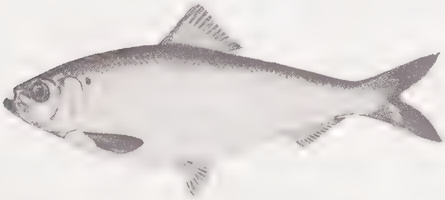
GLOSSARY

Common names as shown in Bureau reports	Other Common names	Scientific names
MOLLUSKS - Continued		
Squid	Inkfish, bone squid, taw taw	*Loligo opalescens* (Pacific) *Loligo pealii* (Atlantic) *Ommastrephes illex* (Atlantic)
OTHER		
Sea urchins	Sea eggs	*Strongylocentrotus drobachiensis*
Terrapin	Diamond-back terrapin	*Malaclemys* species
Turtles:		
Baby		(Young of fresh-water species)
Green		*Chelonia mydas*
Loggerhead		*Caretta* species
Sliders		*Pseudemys* species
Snapper	Hard-shell, alligator turtle	*Chelydra serpentina* *Macrochelys temmickii*
Soft-shell		*Amyda* species
Frogs		*Rana* species
Irish moss		*Chondrus crispus*
Kelp		*Macrocystis* species
Sponges:		
Glove		*Hippiospongia conaliculata*
Grass		*Spongia graminea*
Sheepswool	Wool	*Hippiospongia lachne*
Yellow		*Spongia barbara*
Whales:		
Blue		*Balaenoptera musculus*
Bottlenose		*Berardius bairdi*
Fin		*Balaenoptera physalus*
Humpback		*Megaptera* species
Sei		*Balaenoptera borealis*
Sperm		*Physeter catodon*
Bloodworms		Glyceridae
Sandworms		*Nereis* species

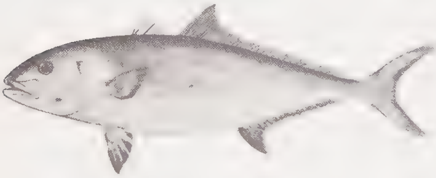
SECTION 14 - PICTORIAL SECTION

As many of the readers of this publication may not be familiar with all of the species of fish and shellfish, etc., taken commercially in the United States, illustrations of many of the various species are included in the following pages. The descriptive material appearing with each species includes the areas in which commercial landings are made in the United States and does not constitute the extreme limits in which they occur. Similarly, the gear listed for each species do not represent the only types of apparatus by which these species are obtained, but represent those types which are normally used in their capture. The gear do not necessarily appear in the order of their importance. Illustrations of species landed in Hawaii are not included in this section.

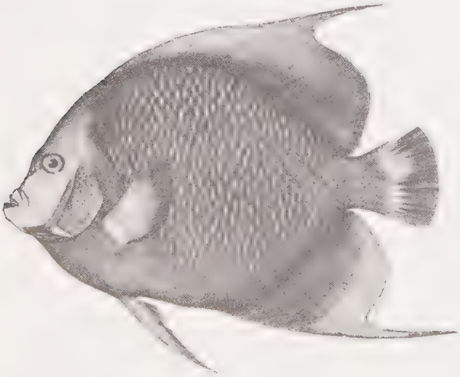
For more detailed information on the nomenclature of the fishery products listed below, the reader is referred to Section 14 of this publication entitled, "Glossary."



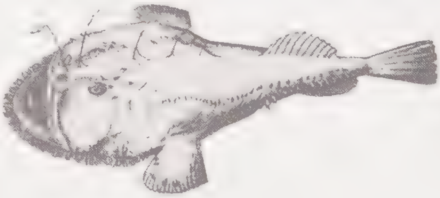
ALEWIFE
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, GILL NETS, WEIRS,
DIP NETS, HAUL SEINES, FLOATING TRAPS,
FYKE NETS



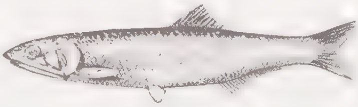
AMBERJACK
RANGE - FLORIDA
GEAR - HANDLINES, TROLL LINES



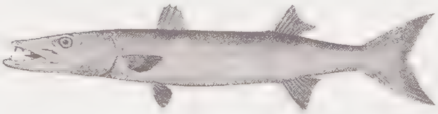
ANGELFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



ANGLERFISH
RANGE - NEW JERSEY TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS



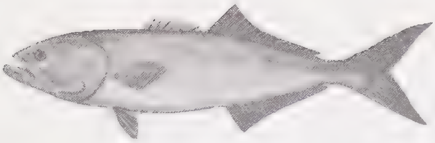
ANCHOVY
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES AND HAUL SEINES



BARRACUDA (ATLANTIC)
RANGE - FLORIDA
GEAR - TROLL LINES, HANDLINES

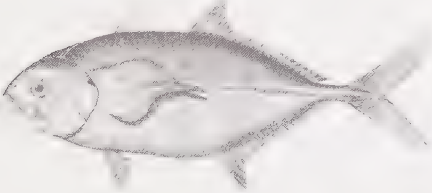
BARRACUDA (PACIFIC)
RANGE - CALIFORNIA
GEAR - PURSE SEINES, LONGLINES, HANDLINES,
TROLL LINES, GILL AND TRAMMEL NETS

PICTORIAL SECTION



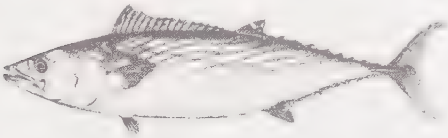
BLUEFISH
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - HAUL SEINES, GILL NETS, POUND NETS,
TROLL LINES, PURSE SEINES

BURBOT
RANGE - GREAT LAKES
GEAR - GILL NETS, FYKE NETS, POUND
NETS, TRAP NETS



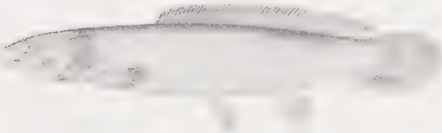
BLUE RUNNER OR HARDTAIL
RANGE - GULF OF MEXICO
GEAR - HAUL SEINES, GILL NETS, POTS

BUTTERFISH
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS

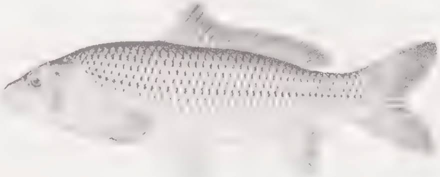


BONITO (ATLANTIC)
RANGE - NORTH CAROLINA TO MASSACHUSETTS
GEAR - POUND NETS, TROLL LINES, GILL NETS

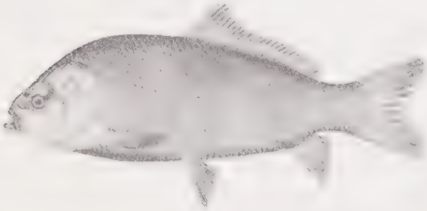
CABIO
RANGE - FLORIDA TO VIRGINIA
GEAR - HANDLINES, POUND NETS



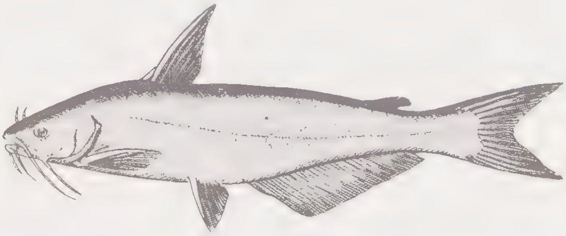
BOWFIN
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



CARP
RANGE - FRESH-WATER
GEAR - HAUL SEINES, GILL NETS, TRAP NETS,
FYKE NETS, POUND NETS, TROTLINES



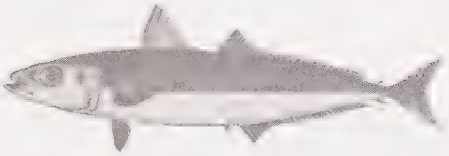
BUFFALOFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, FYKE NETS, TRAMMEL
NETS, TROTLINES



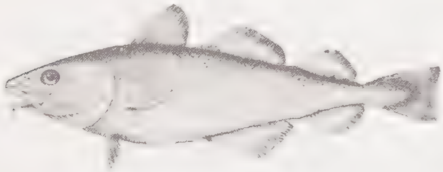
CATFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROTLINES, POUND
NETS, POTS, FYKE NETS

PICTORIAL SECTION

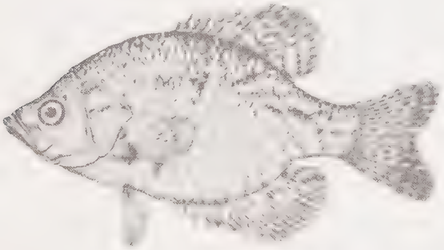
CHUB
RANGE - GREAT LAKES
GEAR - GILL NETS



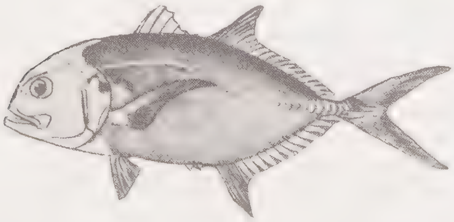
CIGARFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



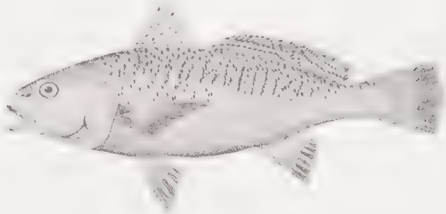
COD
RANGE - VIRGINIA TO MAINE, WASHINGTON,
AND ALASKA
GEAR - OTTER TRAWLS, LONGLINES, GILL NETS



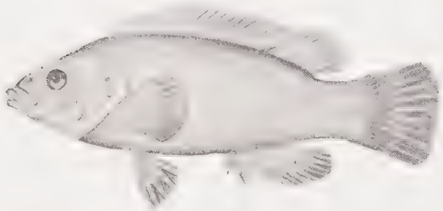
CRAPPIE
RANGE - FRESH-WATER LAKES
GEAR - HAUL SEINES, LINES, POTS



CREVALLE
RANGE - SOUTH ATLANTIC AND GULF STATES
GEAR - HAUL SEINES, GILL NETS, LINES



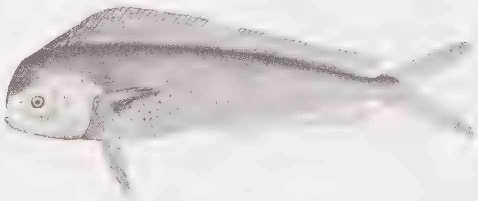
CROAKER
RANGE - GULF OF MEXICO TO NEW YORK
GEAR - POUND NETS, OTTER TRAWLS, HAUL SEINES,
GILL NETS



CUNNER
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, HANDLINES

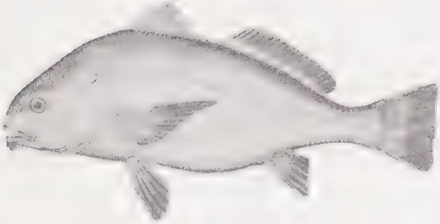
CUSK
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, LONGLINES

DOLLY VARDEN TROUT
RANGE - PACIFIC
GEAR - POUND NETS, GILL NETS, LINES

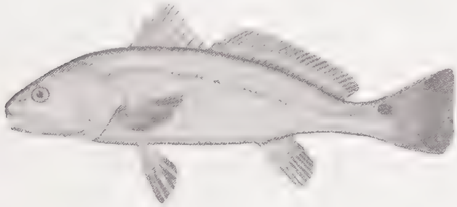


DOLPHIN
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - TROLL LINES

PICTORIAL SECTION

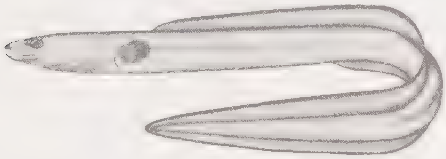


DRUM, BLACK
RANGE - TEXAS TO NORTH CAROLINA
GEAR - HAUL SEINES, POUND NETS, LINES

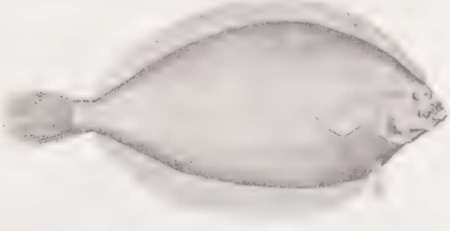


DRUM, RED
RANGE - TEXAS - MARYLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS,
LINES

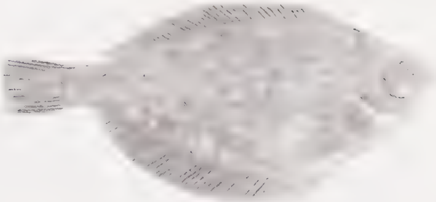
EEL, COMMON
RANGE - FLORIDA TO NEW ENGLAND AND IN
MISSISSIPPI RIVER, LAKE ONTARIO
GEAR - POTS, SPEARS, POUND NETS



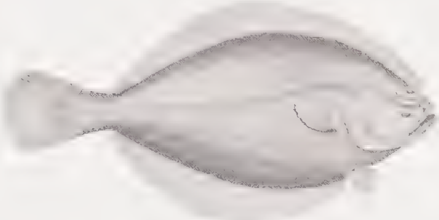
EEL, CONGER
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS



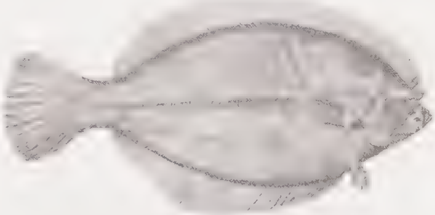
GRAY SOLE
RANGE - MASSACHUSETTS TO MAINE
GEAR - OTTER TRAWLS



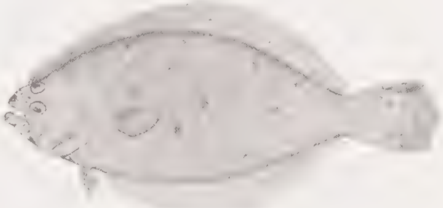
LEMON SOLE
RANGE - NEW YORK TO MAINE
GEAR - OTTER TRAWLS



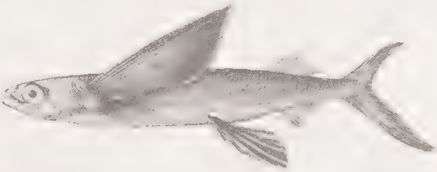
DAB
RANGE - MASSACHUSETTS TO NOVA SCOTIA
GEAR - OTTER TRAWLS, LONGLINES



BLACKBACK OR WINTER FLOUNDER
RANGE - NORTH CAROLINA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS, FYKE NETS,
SPEARS, LINES

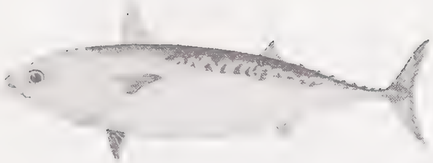


FLUKE
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWL, SPEARS, LINES

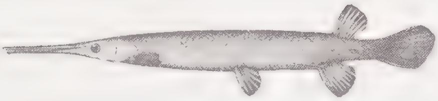


FLYING FISH
RANGE - PACIFIC AND ATLANTIC OCEANS
GEAR - GILL NETS

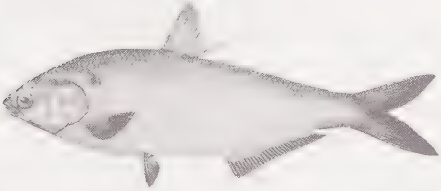
PICTORIAL SECTION



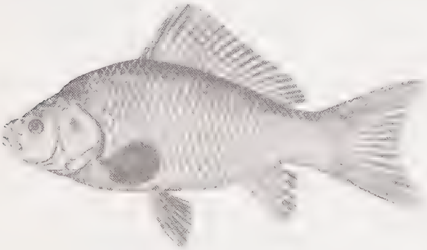
FRIGATE MACKEREL
RANGE - MIDDLE ATLANTIC
GEAR - POUND NETS



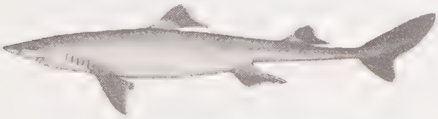
GARFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES



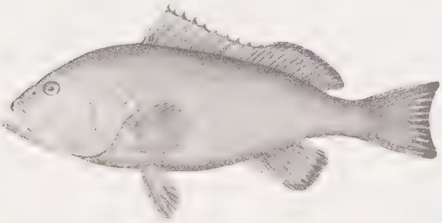
GIZZARD SHAD
RANGE - NORTH CAROLINA TO MARYLAND,
GREAT LAKES
GEAR - HAUL SEINES, POUND NETS, GILL NETS



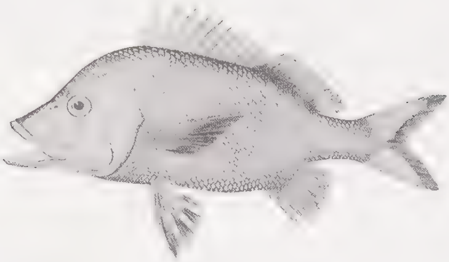
GOLDFISH
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



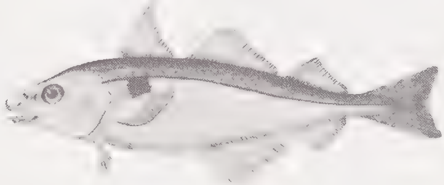
GRAYFISH
RANGE - PACIFIC
GEAR - LONGLINES, OTTER TRAWLS, GILL NETS



GROUPER
RANGE - TEXAS TO SOUTH CAROLINA
GEAR - HANDLINES, POTS

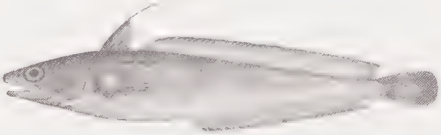


GRUNT
RANGE - FLORIDA
GEAR - POTS, GILL NETS, LINES



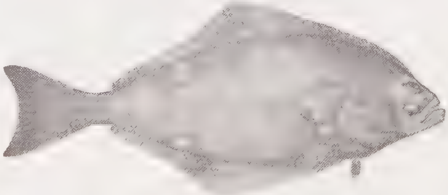
HADDOCK
RANGE - NEW ENGLAND STATES
GEAR - OTTER TRAWLS, GILL NETS, LONGLINES

HAKE, RED
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, LONGLINES



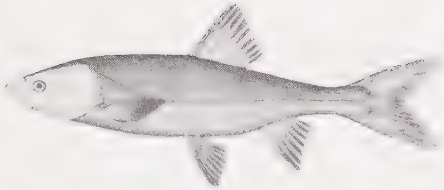
HAKE, WHITE
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, LONGLINES

HAKE (PACIFIC)
RANGE - PACIFIC
GEAR - OTTER TRAWLS

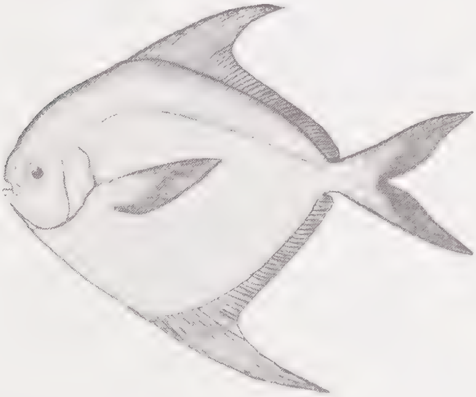


HALIBUT
RANGE - PACIFIC COAST - NEW ENGLAND
GEAR - LONGLINES, OTTER TRAWLS

PICTORIAL SECTION



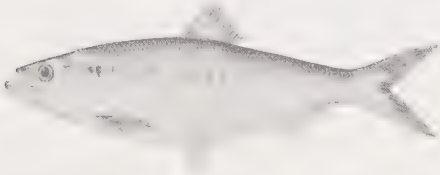
HARDHEAD
RANGE - CALIFORNIA
GEAR - FYKE NETS



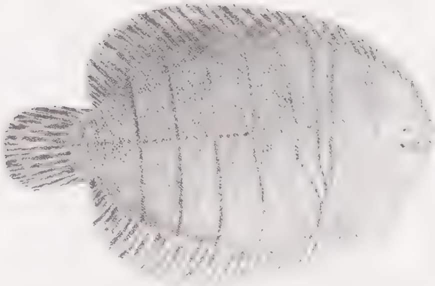
HARVESTFISH OR "STARFISH"
RANGE - NORTH CAROLINA TO CHESAPEAKE BAY
GEAR - HAUL SEINES, POUND NETS

HERRING, LAKE
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, POUND NETS,
TRAP NETS

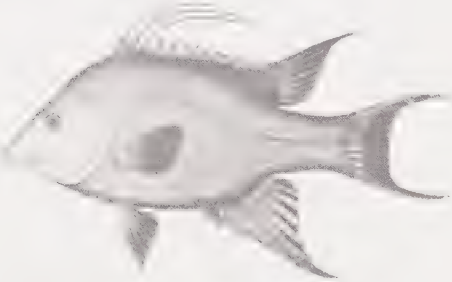
HERRING, SEA
RANGE - NEW JERSEY TO NEW ENGLAND, PACIFIC
COAST STATES AND ALASKA
GEAR - PURSE SEINES, WEIRS, FLOATING TRAPS,
STOP SEINES



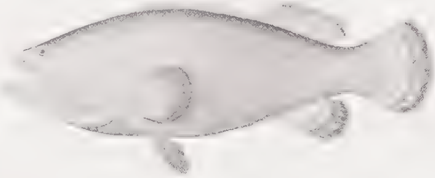
HICKORY SHAD
RANGE - FLORIDA TO RHODE ISLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS
FLOATING TRAPS



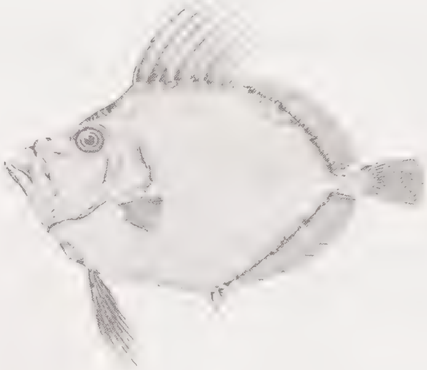
HOGCHOKER
RANGE - CHESAPEAKE BAY
GEAR - POUND NETS, HAUL SEINES



HOGFISH
RANGE - FLORIDA
GEAR - LINES

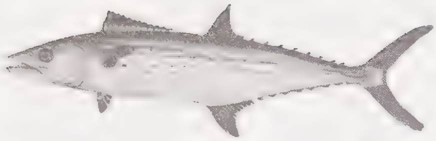


JEWFISH
RANGE - FLORIDA
GEAR - HANDLINES

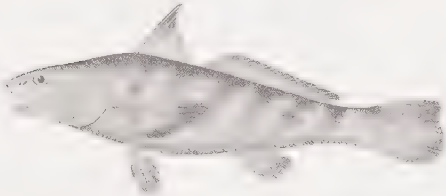


JOHN DORY
RANGE - MIDDLE ATLANTIC STATES
GEAR - OTTER TRAWLS

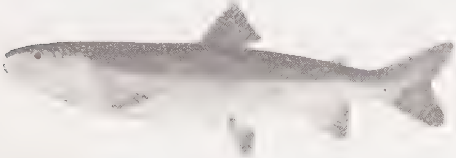
PICTORIAL SECTION



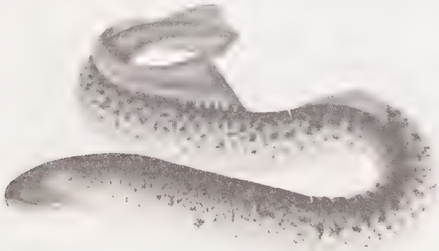
KING MACKEREL
RANGE - TEXAS TO NEW YORK
GEAR - TROLL LINES, GILL NETS, HANDLINES



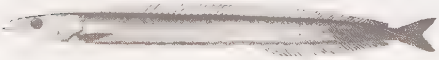
KING WHITING
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWLS, HAUL SEINES, POUND NETS



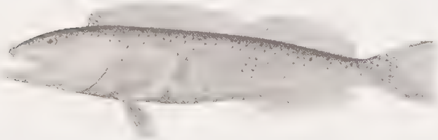
LAKE TROUT
RANGE - GREAT LAKES
GEAR - GILL NETS, LINES, POUND NETS (TRAP NETS)



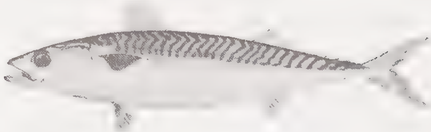
LAMPREY
RANGE - FRESH-WATER
GEAR - POTS, FYKE NETS



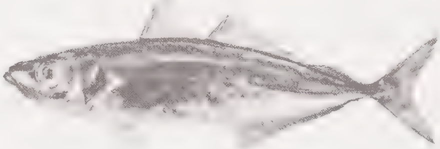
LAUNCE
RANGE - NEW ENGLAND
GEAR - HAUL SEINES



LINGCOD
RANGE - CALIFORNIA TO ALASKA
GEAR - OTTER TRAWLS, LONGLINES, HANDLINES

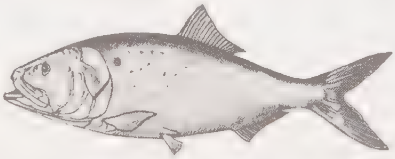


MACKEREL, ATLANTIC
RANGE - CHESAPEAKE BAY TO MAINE
GEAR - PURSE SEINES, GILL NETS, POUND NETS,
FLOATING TRAPS

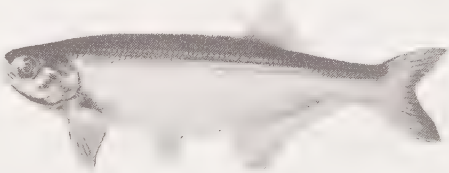


MACKEREL, JACK
RANGE - CALIFORNIA
GEAR - LINES, SEINES, LAMPARA NETS

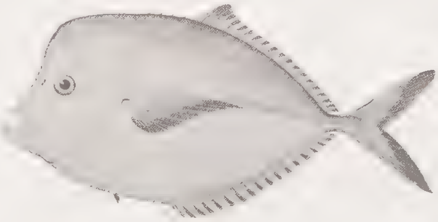
MACKEREL, PACIFIC
RANGE - CALIFORNIA
GEAR - LINES, SEINES, LAMPARA NETS



MENHADEN
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - PURSE SEINES, POUND NETS

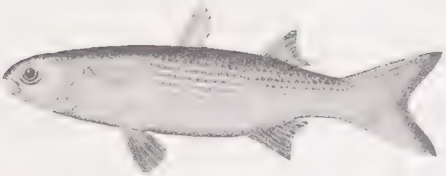


MOONEYE
RANGE - GREAT LAKES
GEAR - HAUL SEINES

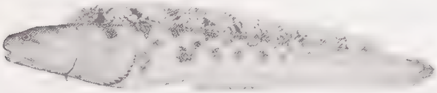


MOONFISH
RANGE - FLORIDA
GEAR - HANDLINES, HAUL SEINES

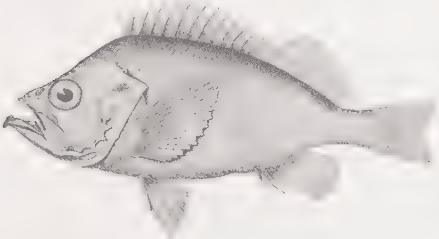
PICTORIAL SECTION



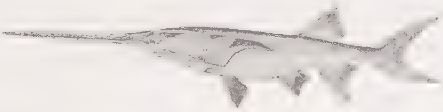
MULLET
RANGE - TEXAS TO NEW JERSEY
GEAR - GILL NETS, HAUL SEINES, POUND NETS, CAST NETS



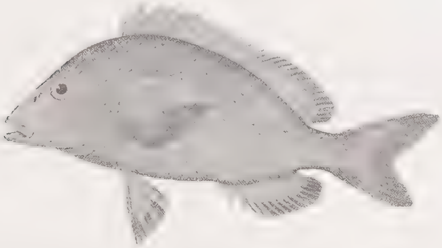
OCEAN POUT
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS



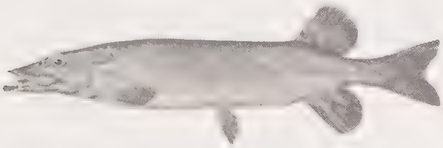
OCEAN PERCH
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS



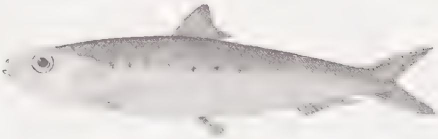
PADDLEFISH
RANGE - GULF OF MEXICO, MISSISSIPPI RIVER
GEAR - HAUL SEINES, TROTLINES



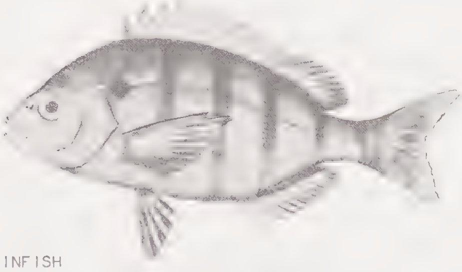
PIGFISH
RANGE - FLORIDA
GEAR - POTS, HANDLINES, GILL NETS



PIKE OR PICKEREL
RANGE - FRESH-WATER
GEAR - TRAP NETS, FYKE NETS, GILL NETS, POUND NETS, HANDLINES

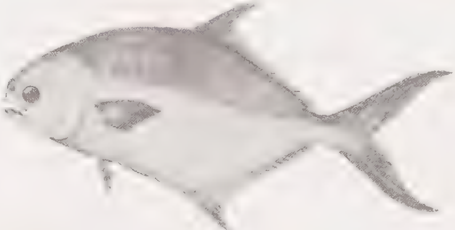


SARDINE, PACIFIC (PILCHARD)
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES, LAMPARA AND RING NETS, GILL NETS

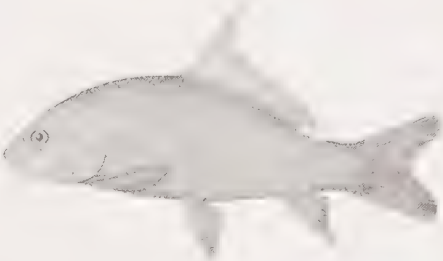


PINFISH
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - HAUL SEINES, GILL NETS

POLLOCK
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - LONGLINES, FLOATING TRAPS, POUND NETS, OTTER TRAWLS, GILL NETS

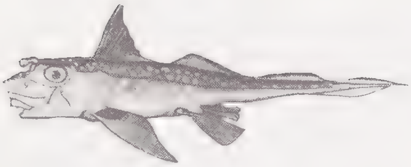


POMPANO
RANGE - TEXAS TO NORTH CAROLINA
GEAR - TRAMMEL NETS, HAUL SEINES, GILL NETS, HANDLINES

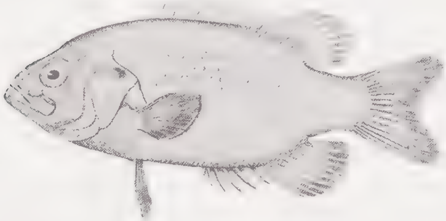


QUILLBACK
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROTLINES, FYKE NETS

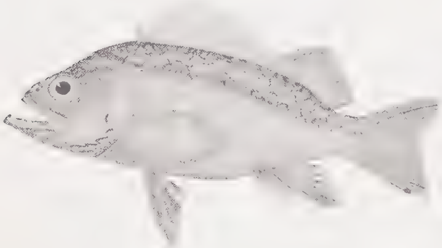
PICTORIAL SECTION



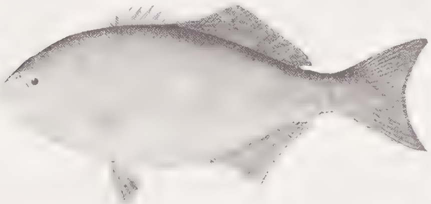
RATFISH
RANGE - WASHINGTON TO ALASKA
GEAR - BEAM TRAWLS, LONGLINES



ROCK BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,
GILL NETS



ROCKFISH
RANGE - CALIFORNIA TO ALASKA
GEAR - LINES, OTTER TRAWLS, PARANZELLA NETS,
GILL NETS

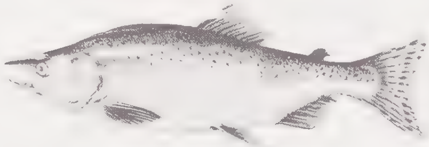


RUDDERFISH
RANGE - CALIFORNIA
GEAR - LAMPARA AND RING NETS

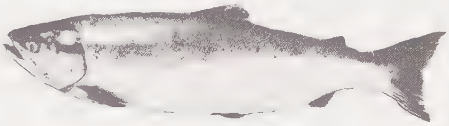
SABLEFISH
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - LONGLINES, OTTER TRAWLS

SALMON, CHINOOK OR KING
RANGE - CALIFORNIA TO ALASKA
GEAR - POUND NETS, PURSE SEINES, GILL NETS,
HAUL SEINES, TROLL LINES, REEF NETS

SALMON, CHUM OR KETA
RANGE - OREGON TO ALASKA
GEAR - POUND NETS, PURSE SEINES, GILL NETS,
HAUL SEINES, REEF NETS

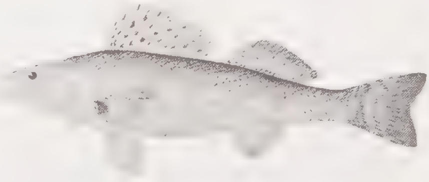


SALMON, PINK
RANGE - WASHINGTON TO ALASKA
GEAR - PURSE SEINES, POUND NETS, GILL NETS
REEF NETS



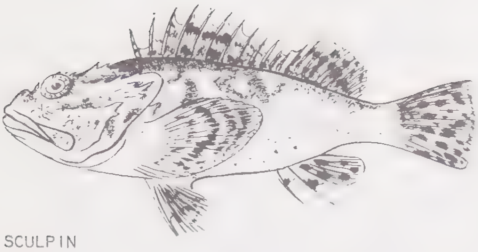
SALMON, RED OR SOCKEYE
RANGE - OREGON TO ALASKA
GEAR - GILL NETS, PURSE SEINES, POUND NETS,
REEF NETS

SALMON, SILVER OR COHO
RANGE - CALIFORNIA TO ALASKA
GEAR - HAUL SEINES, PURSE SEINES, GILL NETS,
TROLL LINES, POUND NETS, REEF NETS

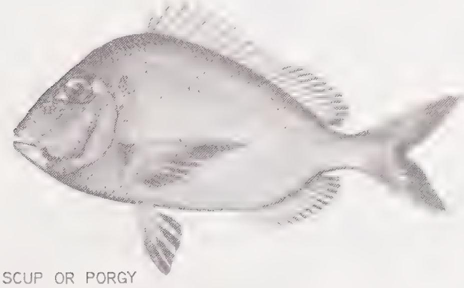


SAUGER
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS,
FYKE NETS

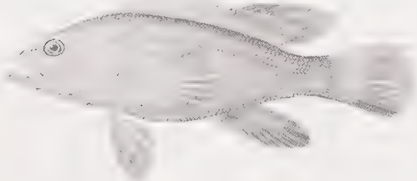
PICTORIAL SECTION



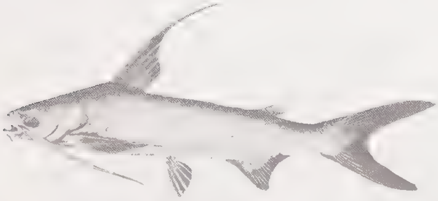
SCULPIN
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - LINES, GILL NETS, POTS



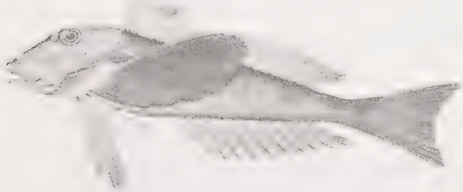
SCUP OR PORGY
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, POUND NETS



SEA BASS
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, HANDLINES, POTS

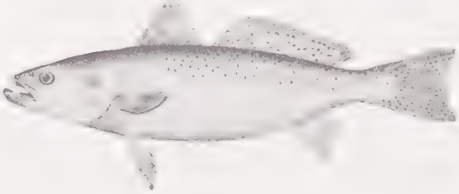


SEA CATFISH
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - OTTER TRAWLS, HAUL SEINES, HANDLINES



SEA ROBIN
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, OTTER TRAWLS

SEA TROUT OR WEAKFISH, GRAY
RANGE - FLORIDA TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS, PURSE SEINES, GILL NETS, HAUL SEINES



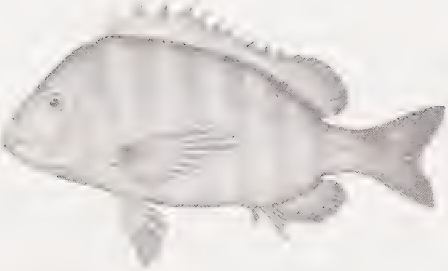
SEA TROUT OR WEAKFISH, SPOTTED
RANGE - MARYLAND TO TEXAS
GEAR - GILL NETS, TRAMMEL NETS, HAUL SEINES, POUND NETS, OTTER TRAWLS, HANDLINES

SEA TROUT OR WEAKFISH, WHITE
RANGE - GULF OF MEXICO
GEAR - GILL NETS, HAUL SEINES, HANDLINES

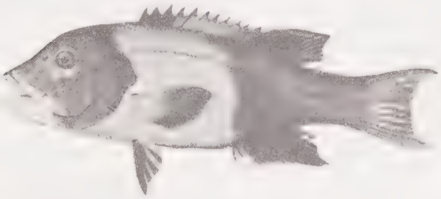
SHAD
RANGE - FLORIDA TO NEW ENGLAND
GEAR - GILL NETS, POUND NETS, FYKE NETS, HAUL SEINES

SHARK
RANGE - ATLANTIC COAST, GULF, PACIFIC COAST STATES
GEAR - LONGLINES, GILL NETS, OTTER TRAWLS

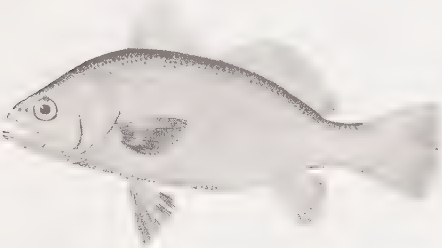
PICTORIAL SECTION



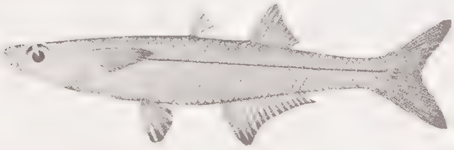
SHEEPSHEAD
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - HANDLINES, POTS



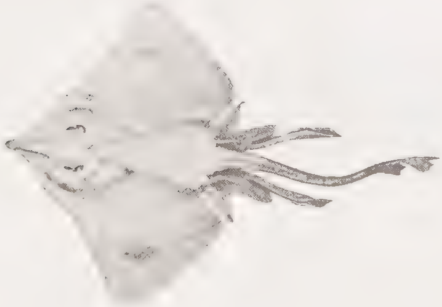
SHEEPSHEAD, CALIFORNIA
RANGE - CALIFORNIA
GEAR - LONGLINES, TRAMMEL NETS



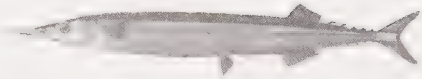
SAND PERCH
RANGE - TEXAS TO NEW YORK
GEAR - HAUL SEINES, GILL NETS, POUND NETS



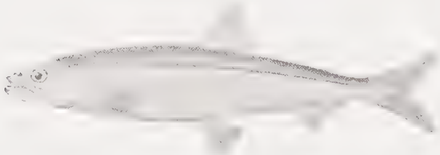
SILVERSIDES
RANGE - NEW YORK
GEAR - HAUL SEINES, OTTER TRAWLS



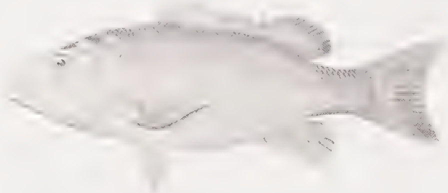
SKATE
RANGE - PACIFIC COAST, CHESAPEAKE BAY TO NEW ENGLAND
GEAR - LINES, OTTER TRAWLS, POUND NETS, HAUL SEINES



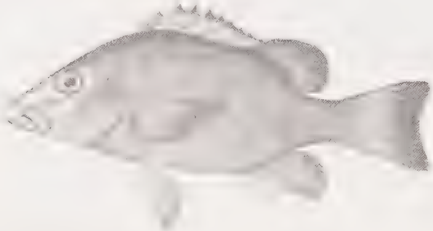
SKIPPER
RANGE - VIRGINIA TO NOVA SCOTIA
GEAR - POUND NETS, WEIRS



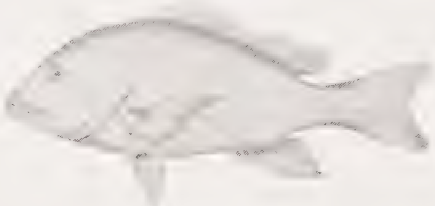
SMELT
RANGE - NEW YORK TO MAINE, PACIFIC OCEAN,
GREAT LAKES
GEAR - POUND NETS, DIP NETS, GILL NETS, HAUL SEINES



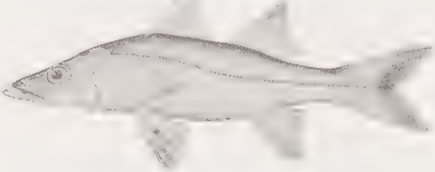
SNAPPER, MANGROVE
RANGE - FLORIDA
GEAR - HANDLINES, GILL NETS



SNAPPER, LANE
RANGE - FLORIDA
GEAR - HANDLINES

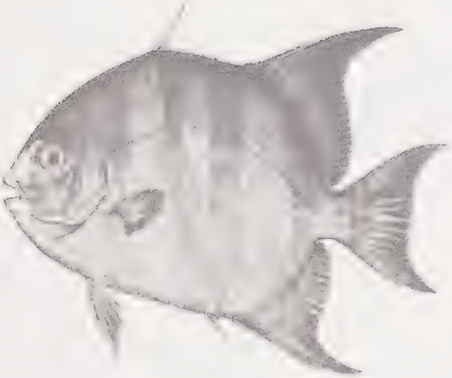


SNAPPER, RED
RANGE - TEXAS TO FLORIDA
GEAR - HANDLINES

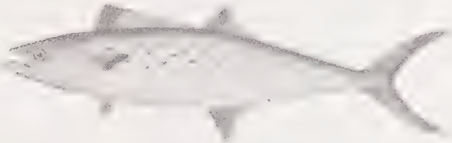


SNOOK
RANGE - TEXAS TO FLORIDA
GEAR - GILL NETS, HANDLINES, HAUL SEINES

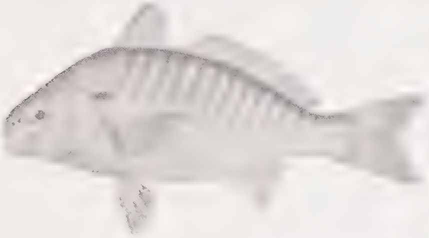
PICTORIAL SECTION



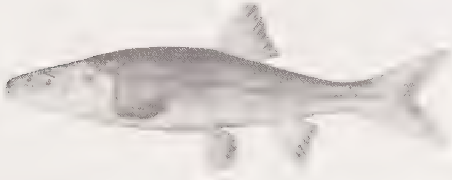
SPADEFISH
RANGE - FLORIDA
GEAR - GILL NETS, TRAMMEL NETS



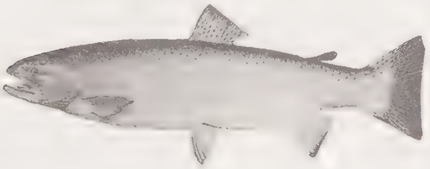
SPANISH MACKEREL
RANGE - TEXAS TO VIRGINIA
GEAR - GILL NETS, LINES, HAUL SEINES



SPOT
RANGE - GULF OF MEXICO TO MIDDLE ATLANTIC STATES
GEAR - HAUL SEINES, GILL NETS, POUND NETS,
OTTER TRAWLS

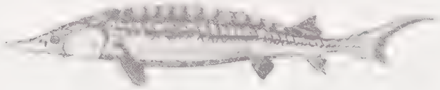


SQUAWFISH
RANGE - CALIFORNIA
GEAR - FYKE NETS, GILL NETS

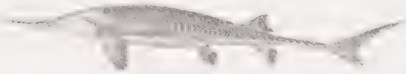


STEELHEAD TROUT
RANGE - OREGON TO ALASKA
GEAR - HAUL SEINES, POUND NETS, GILL NETS,
LINES, DIP NETS

STRIPED BASS
RANGE - NORTH CAROLINA TO NEW ENGLAND, CALIFORNI
TO OREGON
GEAR - HAUL SEINES, GILL NETS, POUND NETS,
HANDLINES, FYKE NETS

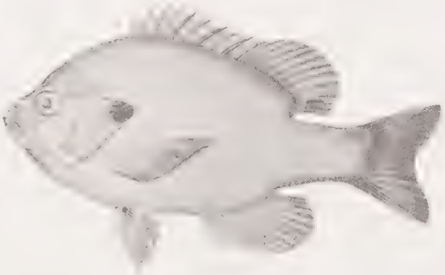


STURGEON
RANGE - COASTAL AND RIVER AREAS
GEAR - GILL NETS, LINES

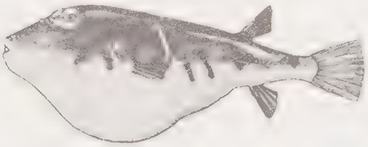


STURGEON, SHOVELNOSE
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES, POUND NETS

SUCKER
RANGE - FRESH-WATER
GEAR - POUND NETS, FYKE NETS, GILL NETS,
HAUL SEINES, TRAP NETS

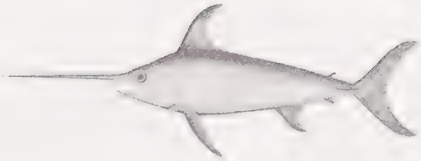


SUNFISH
RANGE - FRESH-WATER
GEAR - POTS, SEINES, TRAP NETS

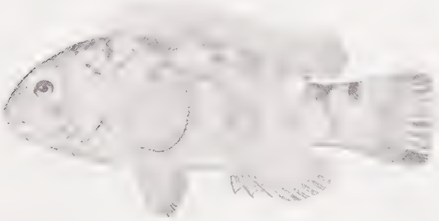


SWELLFISH
RANGE - CHESAPEAKE BAY TO MIDDLE ATLANTIC
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS

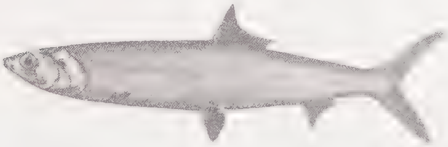
PICTORIAL SECTION



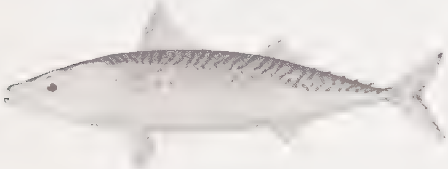
SWORDFISH
RANGE - NEW ENGLAND AND CALIFORNIA
GEAR - HARPOONS



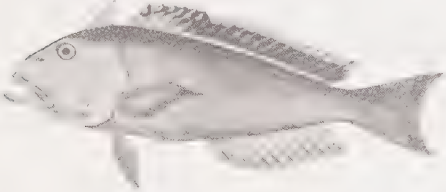
TAUTOG
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, HANDLINES, POTS



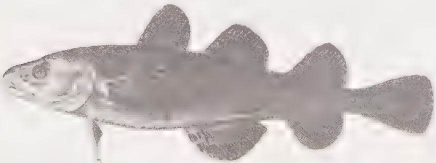
TENPOUNDER
RANGE - FLORIDA
GEAR - HAUL SEINES



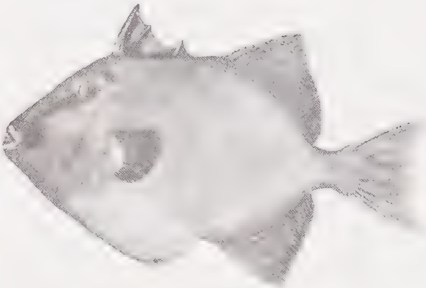
THIMBLE-EYED MACKEREL
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, PURSE SEINES, OTTER TRAWLS



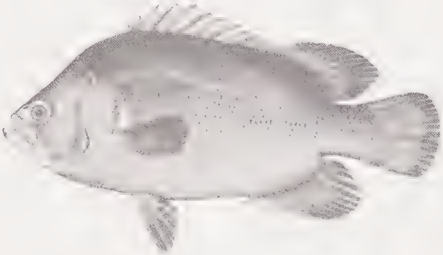
TILEFISH
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - LONGLINES, REEF NETS, OTTER TRAWLS



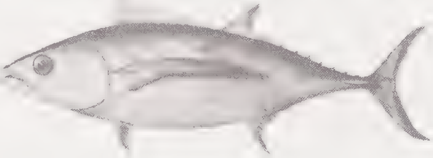
TOMCOD
RANGE - PACIFIC COAST, MIDDLE ATLANTIC AND
NEW ENGLAND STATES
GEAR - OTTER TRAWLS, DIP NETS



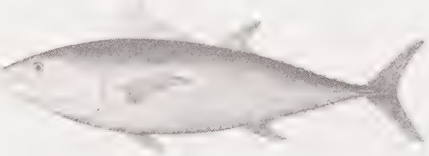
TRIGGERFISH
RANGE - FLORIDA
GEAR - HANDLINES



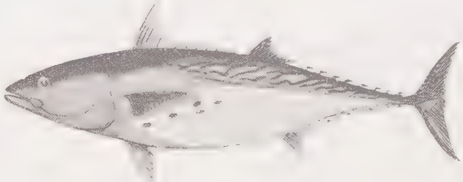
TRIPLETAIL
RANGE - FLORIDA
GEAR - HAUL SEINES, GILL NETS, LINES



TUNA, ALBACORE
RANGE - PACIFIC COAST
GEAR - LINES

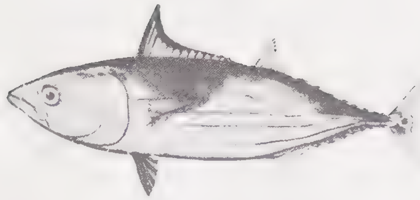


TUNA, BLUEFIN
RANGE - CALIFORNIA, NEW JERSEY TO MAINE
GEAR - PURSE SEINES, LAMPARA NETS, TROLL LINES,
POUND NETS, HARPOONS

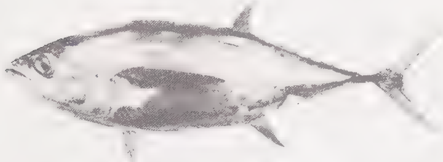


TUNA, LITTLE
RANGE - MASSACHUSETTS TO TEXAS
GEAR - POUND NETS, TROLL LINES, OTTER TRAWLS

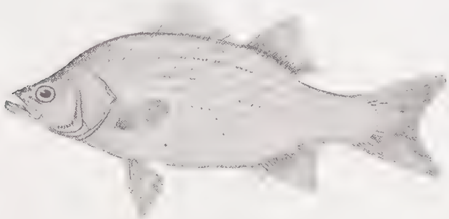
PICTORIAL SECTION



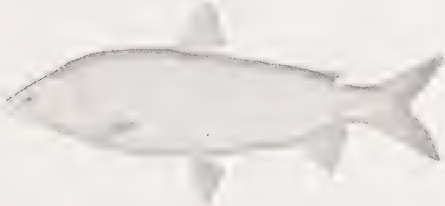
TUNA, SKIPJACK
RANGE - CALIFORNIA
GEAR - LINES AND PURSE SEINES



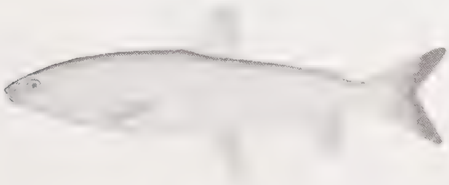
TUNA, YELLOWFIN
RANGE - PACIFIC
GEAR - LINES AND PURSE SEINES



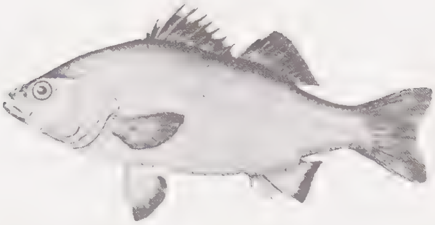
WHITE BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,
POUND NETS



WHITEFISH, COMMON
RANGE - GREAT LAKES
GEAR - GILL NETS, POUND NETS, TRAP NETS



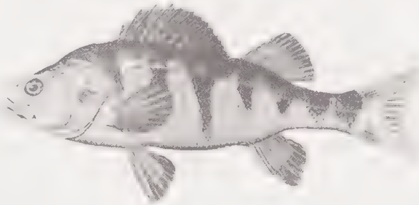
WHITEFISH, MENOMINEE
RANGE - ALASKA, GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS,
POUND NETS



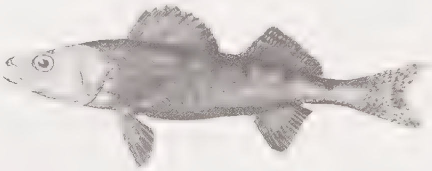
WHITE PERCH
RANGE - NORTH CAROLINA TO MAINE
GEAR - POUND NETS, FYKE NETS, HAUL SEINES

WHITING
RANGE - VIRGINIA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS

WOLFFISH
RANGE - MASSACHUSETTS AND MAINE
GEAR - OTTER TRAWLS, LONGLINES

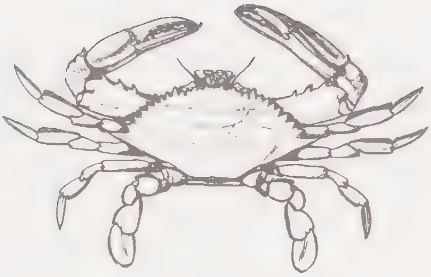


YELLOW PERCH
RANGE - GREAT LAKES, OTHER LAKES
GEAR - GILL NETS, TRAP NETS, POUND NETS,
FYKE NETS

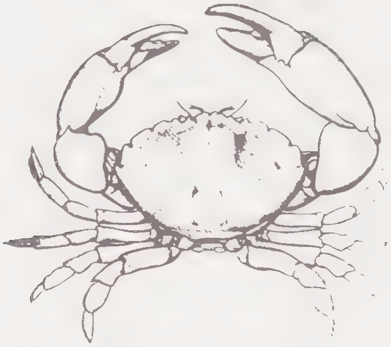


YELLOW PIKE
RANGE - GREAT LAKES
GEAR - POUND NETS, FYKE NETS, GILL NETS,
TRAP NETS

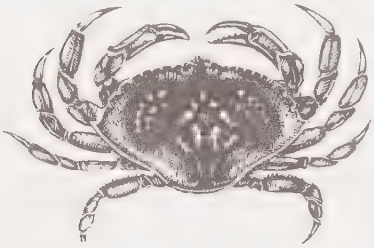
PICTORIAL SECTION



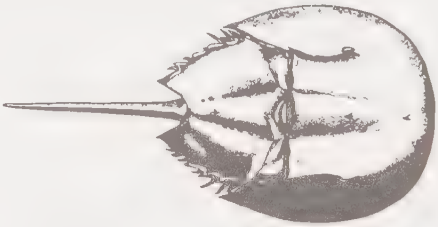
BLUE CRAB
RANGE - TEXAS TO RHODE ISLAND
GEAR - TROTLINES, POTS, FYKE NETS, DIP NETS, SCRAPES, DREDGES



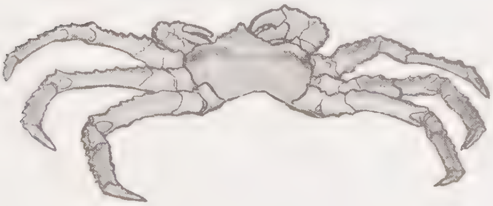
STONE CRAB
RANGE - FLORIDA
GEAR - DIP NETS, CRAB POTS



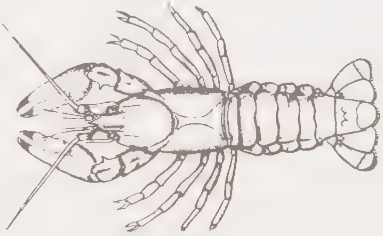
DUNGENESS CRAB
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - TRAPS



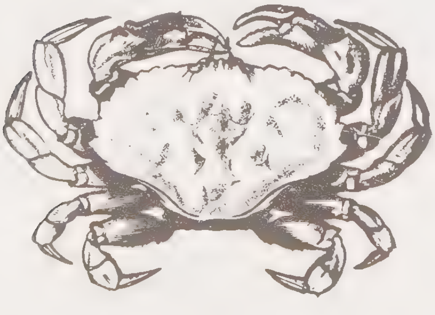
HORSESHOE CRAB
RANGE - MARYLAND TO NEW YORK
GEAR - POUND NETS, WEIRS, BY HAND



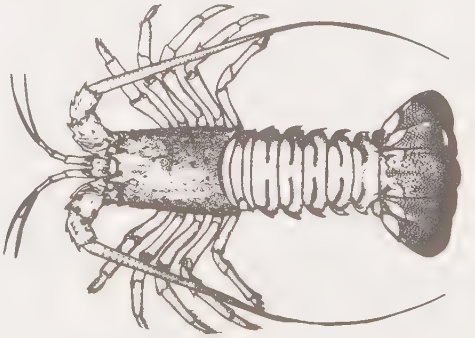
KING CRAB
RANGE - ALASKA
GEAR - POTS



FRESH-WATER CRAWFISH
RANGE - RIVERS AND LAKES
GEAR - POTS

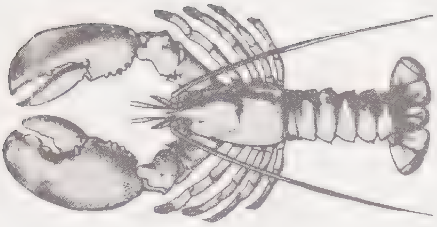


ROCK CRAB
RANGE - NEW ENGLAND
GEAR - POTS

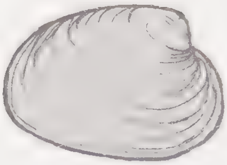


SPINY LOBSTER
RANGE - CALIFORNIA AND FLORIDA
GEAR - DIP NETS, POTS, HOOKS

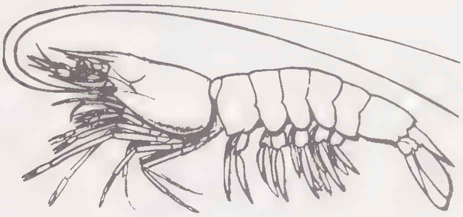
PICTORIAL SECTION



LOBSTER, AMERICAN
RANGE - VIRGINIA TO MAINE
GEAR - POTS, OTTER TRAWLS

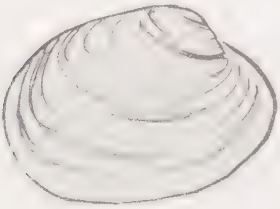


HARD CLAM
RANGE - FLORIDA TO MAINE
GEAR - HOES, DREDGES, TONGS, RAKES, BY HAND

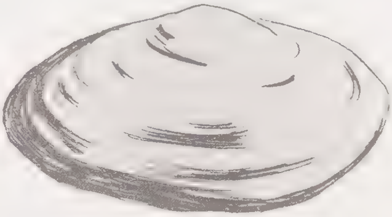


SHRIMP
RANGE - TEXAS TO NORTH CAROLINA, MAINE,
CALIFORNIA, WASHINGTON, AND ALASKA
GEAR - SHRIMP TRAWLS

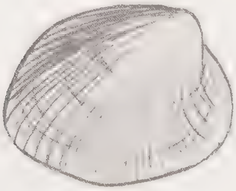
RAZOR CLAM, PACIFIC
RANGE - OREGON, WASHINGTON AND ALASKA
GEAR - SHOVELS



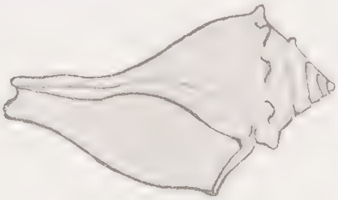
BUTTER CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS



SOFT CLAM
RANGE - MIDDLE ATLANTIC TO NEW ENGLAND,
PACIFIC COAST STATES
GEAR - FORKS, HOES, RAKES, DREDGES

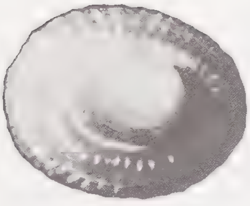


LITTLE NECK CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS

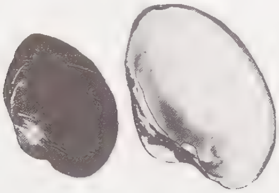


CONCH
RANGE - FLORIDA TO MAINE
GEAR - OTTER TRAWLS, DREDGES, POTS, AND BY HAND

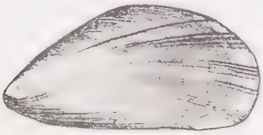
PICTORIAL SECTION



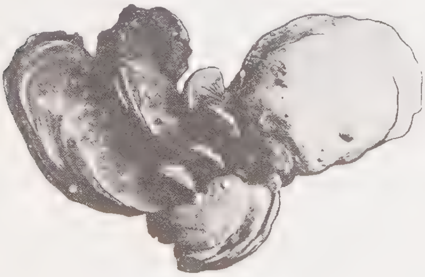
LIMPET
RANGE - NEW YORK AND NEW ENGLAND
GEAR - DREDGES



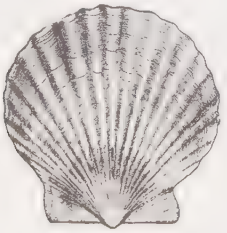
FRESH-WATER MUSSEL
RANGE - FRESH-WATER STREAMS
GEAR - CROWFOOT BARS, PICKS, HAND



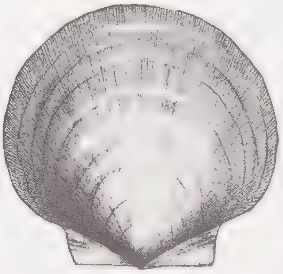
SEA MUSSEL
RANGE - NORTH CAROLINA TO MAINE
GEAR - DREDGES, TONGS, RAKES, HAND



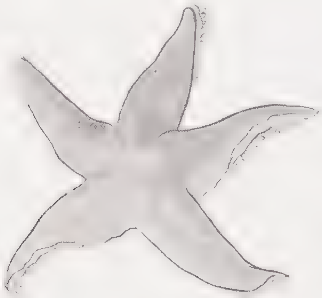
OYSTER
RANGE - TEXAS TO MASSACHUSETTS, PACIFIC COAST
GEAR - TONGS, DREDGES, RAKES, BY HAND



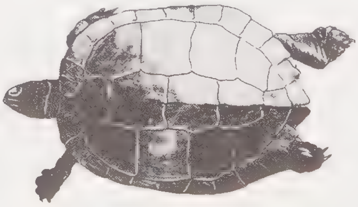
BAY SCALLOP
RANGE - FLORIDA TO MASSACHUSETTS, WASHINGTON
GEAR - DREDGES, SCRAPES, PUSH NETS, TONGS, RAKES
DIP NETS



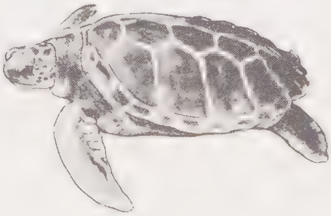
SEA SCALLOP
RANGE - NEW JERSEY TO MAINE
GEAR - DREDGES, OTTER TRAWLS



STARFISH
RANGE - ATLANTIC AND PACIFIC COAST
GEAR - HOOKS, SCRAPES, "MOPS"

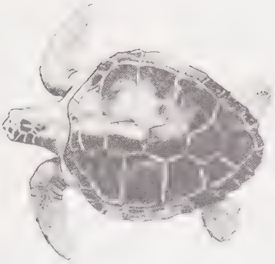


TERRAPIN
RANGE - TEXAS TO NEW JERSEY
GEAR - HAUL SEINES, BY HAND

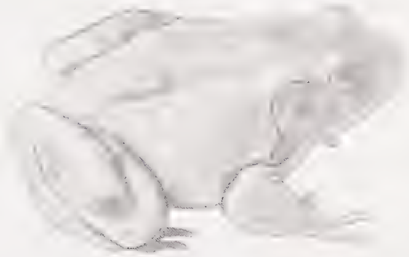


GREEN TURTLE
RANGE - FLORIDA
GEAR - GILL NETS

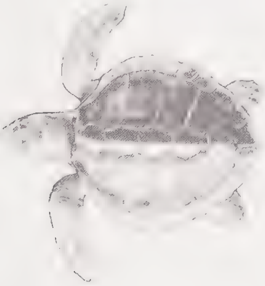
PICTORIAL SECTION



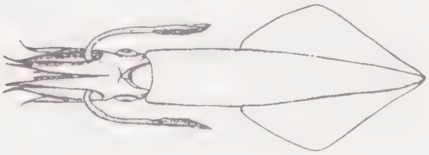
LOGGERHEAD TURTLE
RANGE - FLORIDA TO NEW JERSEY
GEAR - GILL NETS



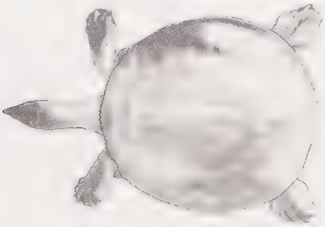
FROG
RANGE - FRESH-WATER, MARSHES, POND
GEAR - SPEARS, GRABS



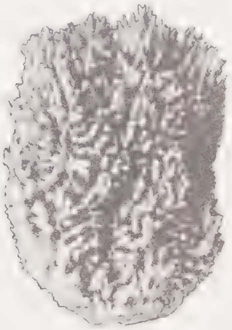
HAWKSBILL TURTLE
RANGE - GULF OF MEXICO, AND ATLANTIC COAST
TO NEW YORK
GEAR - BY HAND, POUND NETS



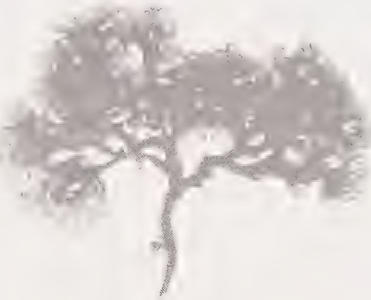
SQUID
RANGE - VIRGINIA TO MAINE, CALIFORNIA AND
WASHINGTON
GEAR - LAMPARA NETS, GILL NETS, OTTER TRAWLS,
POUND NETS



SOFT-SHELL TURTLE
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, FYKE NETS, POTS



SPONGE
RANGE - FLORIDA
GEAR - HOOKS, DIVING OUTFITS



IRISH MOSS
RANGE - NEW ENGLAND
GEAR - RAKES

SECTION 16
STATISTICAL PUBLICATIONS

THE FOLLOWING LIST OF PUBLICATIONS INCLUDES ALL REPORTS ISSUED IN THE CURRENT FISHERY STATISTICS (C.F.S.) SERIES DURING 1971.

C.F.S. NO.	TITLE
	NATIONAL:
5600	FISHERIES OF THE UNITED STATES, 1970
	REGIONAL:
5475	HAWAII FISHERIES, ANNUAL SUMMARY 1969
5537	GULF FISHERIES, ANNUAL SUMMARY 1968
5536	SOUTH ATLANTIC FISHERIES, ANNUAL SUMMARY 1968
	STATE:
	ALABAMA LANDINGS,
5450	JULY 1970
5459	AUGUST 1970
5464	SEPTEMBER 1970
5492	OCTOBER 1970
5535	NOVEMBER 1970
5538	DECEMBER 1970
5771	ANNUAL SUMMARY 1970
5550	JANUARY 1971
5577	FEBRUARY 1971
5594	MARCH 1971
5614	APRIL 1971
5633	MAY 1971
5653	JUNE 1971
5689	JULY 1971
5711	AUGUST 1971
5738	SEPTEMBER 1971
	CALIFORNIA LANDINGS,
5448	JULY 1970
5469	AUGUST 1970
5495	SEPTEMBER 1970
5509	OCTOBER 1970
5530	NOVEMBER 1970
5541	DECEMBER 1970
5578	JANUARY 1971
5639	FEBRUARY 1971
5659	MARCH 1971
5669	APRIL 1971
5671	MAY 1971
5672	JUNE 1971
	FLORIDA LANDINGS,
5454	SEPTEMBER 1970
5473	OCTOBER 1970
5500	NOVEMBER 1970
5522	DECEMBER 1970
5607	ANNUAL SUMMARY 1970
5559	JANUARY 1971
5619	FEBRUARY 1971
5618	MARCH 1971
5632	APRIL 1971
5652	MAY 1971
5677	JUNE 1971
	GEORGIA LANDINGS,
5452	SEPTEMBER 1970
5466	OCTOBER 1970
5491	NOVEMBER 1970
5494	DECEMBER 1970
5769	ANNUAL SUMMARY 1970
5544	JANUARY 1971
5568	FEBRUARY 1971
5589	MARCH 1971

C.F.S. NO.	TITLE
5615	APRIL 1971
5631	MAY 1971
5651	JUNE 1971
5687	JULY 1971
5709	AUGUST 1971
5736	SEPTEMBER 1971
5758	OCTOBER 1971
	LOUISIANA LANDINGS,
5456	SEPTEMBER 1970
5471	OCTOBER 1970
5497	NOVEMBER 1970
5529	DECEMBER 1970
5564	JANUARY 1971
5583	FEBRUARY 1971
5599	MARCH 1971
5635	APRIL 1971
5655	MAY 1971
5666	JUNE 1971
5691	JULY 1971
5713	AUGUST 1971
5740	SEPTEMBER 1971
	MAINE LANDINGS,
5476	AUGUST 1970
5501	SEPTEMBER 1970
5519	OCTOBER 1970
5531	NOVEMBER 1970
5539	DECEMBER 1970
5576	ANNUAL SUMMARY 1970
5552	JANUARY 1971
5595	FEBRUARY 1971
5606	MARCH 1971
5624	APRIL 1971
5643	MAY 1971
5609	JUNE 1971
5679	JULY 1971
	MARYLAND LANDINGS,
5458	OCTOBER 1970
5498	NOVEMBER 1970
5508	DECEMBER 1970
5557	JANUARY 1971
5571	FEBRUARY 1971
5598	MARCH 1971
5612	APRIL 1971
5628	MAY 1971
5647	JUNE 1971
	MASSACHUSETTS LANDINGS,
5449	JULY 1970
5478	AUGUST 1970
5503	SEPTEMBER 1970
5510	OCTOBER 1970
5520	NOVEMBER 1970
5527	DECEMBER 1970
5558	JANUARY 1971
5579	FEBRUARY 1971
5592	MARCH 1971
5625	APRIL 1971
5644	MAY 1971
5620	JUNE 1971
5680	JULY 1971
5702	AUGUST 1971
5728	SEPTEMBER 1971

STATISTICAL PUBLICATIONS

C.F.S. NO.	TITLE
	MICHIGAN, OHIO, AND WISCONSIN LANDINGS,
5474	ANNUAL SUMMARY 1969
5470	JULY 1970
5479	AUGUST 1970
5496	SEPTEMBER 1970
5511	OCTOBER 1970
5534	NOVEMBER 1970
5542	DECEMBER 1970
5563	ANNUAL SUMMARY 1970
5584	JANUARY 1971
5608	FEBRUARY 1971
5640	MARCH 1971
5660	APRIL 1971
5670	MAY 1971
5673	JUNE 1971
5696	JULY 1971
5718	AUGUST 1971
	MISSISSIPPI LANDINGS,
5451	AUGUST 1970
5465	SEPTEMBER 1970
5480	OCTOBER 1970
5493	NOVEMBER 1970
5533	DECEMBER 1970
5770	ANNUAL SUMMARY 1970
5551	JANUARY 1971
5580	FEBRUARY 1971
5587	MARCH 1971
5634	APRIL 1971
5654	MAY 1971
5665	JUNE 1971
5690	JULY 1971
5712	AUGUST 1971
5739	SEPTEMBER 1971
	NEW JERSEY LANDINGS,
5477	OCTOBER 1970
5502	NOVEMBER 1970
5523	DECEMBER 1970
5570	ANNUAL SUMMARY 1970
5547	JANUARY 1971
5573	FEBRUARY 1971
5593	MARCH 1971
5627	APRIL 1971
5646	MAY 1971
5663	JUNE 1971
5682	JULY 1971
5704	AUGUST 1971
	NEW YORK LANDINGS,
5481	APRIL - JUNE 1970
5505	JULY - SEPTEMBER 1970
5528	OCTOBER - DECEMBER 1970
5611	ANNUAL SUMMARY 1970
5601	JANUARY - MARCH 1971
5662	APRIL - JUNE 1971
	NORTH CAROLINA LANDINGS,
5468	OCTOBER 1970
5482	NOVEMBER 1970
5512	DECEMBER 1970
5746	ANNUAL SUMMARY 1970
5545	JANUARY 1971
5567	FEBRUARY 1971
5590	MARCH 1971
5630	APRIL 1971
5649	MAY 1971
5675	JUNE 1971
5685	JULY 1971
5707	AUGUST 1971
5734	SEPTEMBER 1971
5756	OCTOBER 1971
	RHODE ISLAND LANDINGS,
5457	AUGUST 1970
5483	SEPTEMBER 1970
5506	OCTOBER 1970
5518	NOVEMBER 1970
5526	DECEMBER 1970
5556	ANNUAL SUMMARY 1970
5569	JANUARY 1971
5602	FEBRUARY 1971
5626	MARCH 1971
5645	APRIL 1971
5661	MAY 1971
5674	JUNE 1971
5681	JULY 1971
	SOUTH CAROLINA LANDINGS,
5453	SEPTEMBER 1970
5467	OCTOBER 1970
5484	NOVEMBER 1970
5532	DECEMBER 1970
5768	ANNUAL SUMMARY 1970
5543	JANUARY 1971
5566	FEBRUARY 1971
5591	MARCH 1971
5621	APRIL 1971
5650	MAY 1971
5676	JUNE 1971
5686	JULY 1971
5708	AUGUST 1971
5735	SEPTEMBER 1971
5757	OCTOBER 1971
	TEXAS LANDINGS,
5472	OCTOBER 1970
5485	NOVEMBER 1970
5513	DECEMBER 1970
5616	ANNUAL SUMMARY 1970
5546	JANUARY 1971
5585	FEBRUARY 1971
5603	MARCH 1971
5613	APRIL 1971
5636	MAY 1971
5656	JUNE 1971
5692	JULY 1971
5714	AUGUST 1971
5741	SEPTEMBER 1971
	VIRGINIA LANDINGS,
5486	SEPTEMBER 1970
5499	OCTOBER 1970
5507	NOVEMBER 1970
5521	DECEMBER 1970
5553	JANUARY 1971
5572	FEBRUARY 1971
5617	MARCH 1971
5629	APRIL 1971
5648	MAY 1971

C.F.S. NO.	TITLE
	SPECIES:
	GULF COAST SHRIMP DATA,
5462	OCTOBER 1970
5490	NOVEMBER 1970
5517	DECEMBER 1970
5721	ANNUAL SUMMARY 1970
5549	JANUARY 1971
5575	FEBRUARY 1971
[illegible]	MARCH 1971
5638	APRIL 1971
5658	MAY 1971
5668	JUNE 1971
5694	JULY 1971
5716	AUGUST 1971
5743	SEPTEMBER 1971
5765	OCTOBER 1971
	SHRIMP LANDINGS,
5461	OCTOBER 1970
5489	NOVEMBER 1970
5516	DECEMBER 1970
5722	ANNUAL SUMMARY 1970
5548	JANUARY 1971
5574	FEBRUARY 1971
5596	MARCH 1971
5637	APRIL 1971
5657	MAY 1971
5667	JUNE 1971
5693	JULY 1971
5715	AUGUST 1971
5742	SEPTEMBER 1971
	COMMERCIAL FISHERIES PRODUCTS:
	FISH MEAL AND OIL,
5463	OCTOBER 1970
5487	NOVEMBER 1970
5504	DECEMBER 1970
[illegible]	ANNUAL SUMMARY 1970
5524	JANUARY 1971
[illegible]	FEBRUARY 1971
5581	MARCH 1971
5604	APRIL 1971
5623	MAY 1971
5642	JUNE 1971
5676	JULY 1971
5700	AUGUST 1971
5726	SEPTEMBER 1971
5749	OCTOBER 1971
	FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP,
5455	JULY - SEPTEMBER 1970
5554	ANNUAL SUMMARY 1970
5582	JANUARY - MARCH 1971
5697	APRIL - JUNE 1971
5793	JULY - SEPTEMBER 1971

C.F.S. NO.	TITLE
	FROZEN FISHERY PRODUCTS,
5460	NOVEMBER 1970
5488	DECEMBER 1970
5525	ANNUAL SUMMARY 1970
5514	JANUARY 1971
5540	FEBRUARY 1971
5565	MARCH 1971
5588	APRIL 1971
5610	MAY 1971
5622	JUNE 1971
5641	JULY 1971
5698	AUGUST 1971 (PRELIMINARY)
5699	AUGUST 1971 (FINAL)
5724	SEPTEMBER 1971 (PRELIMINARY)
5725	SEPTEMBER 1971 (FINAL)
5747	OCTOBER 1971 (PRELIMINARY)
5748	OCTOBER 1971 (FINAL)
5772	NOVEMBER 1971 (PRELIMINARY)
5586	FOREIGN TRADE CHARTBOOK, ANNUAL SUMMARY 1970
5605	IMPORTS AND EXPORTS OF FISHERY PRODUCTS, ANNUAL SUMMARY 1970
5723	PROCESSED FISHERY PRODUCTS, ANNUAL SUMMARY 1969

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